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METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JULY TO 31ST DECEMBER, 1896.

DAILY WEATHER REPORT.

July to December 1896.

DAILY WEATHER REPORT,

JULY TO DECEMBER, 1896.

PREFACE.

The six Tables following give for each Month and the Whole Year, the Means of Pressure, the Means and Extremes of Temperature, and the Mean amounts of Rainfall and Bright Sunshine, with which the current values in the Daily Weather Report may be compared.

(Issued in Continuation of those Published in 1891.)

TABLE I.—SHOWING FOR THE TELEGRAPHIC REPORTING STATIONS THE MEAN VALUES OF BAROMETRIC PRESSURE FOR EACH MONTH AND FOR THE WHOLE YEAR—DERIVED FROM OBSERVATIONS MADE AT 8 A.M. DAILY DURING THE 25 YEARS 1871—95.

STATIONS.	JAN.	FEB.	MAR.	APRIL.	MAY.	JUNE.	JULY.	AUGUST.	SEPT.	OCT.	NOV.	DEC.	ANNUAL	LIMITS OF YEARS OF ACTUAL OBSERVATIONS.	NO. OF YEARS.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.		
Sumburgh Head	29·676	29·772	29·737	29·860	29·889	29·898	29·789	29·767	29·793	29·712	29·693	29·656	29·770	1872—1895	24
Stornoway -	29·688	29·775	29·772	29·845	29·893	29·894	29·800	29·782	29·814	29·743	29·703	29·688	29·783	1873—1895	23
Wick - -	29·715	29·800	29·781	29·866	29·907	29·916	29·813	29·798	29·831	29·747	29·728	29·699	29·800	1871—1895	25
Nairn - -	29·744	29·815	29·802	29·868	29·912	29·917	29·817	29·803	29·843	29·763	29·743	29·727	29·813	,, ,, ,,	25
Aberdeen - -	29·786	29·853	29·821	29·885	29·926	29·933	29·831	29·819	29·863	29·779	29·772	29·758	29·836	,, ,, ,,	25
Leith- - -	29·821	29·873	29·849	29·887	29·936	29·943	29·846	29·835	29·887	29·805	29·798	29·797	29·856	,, ,, ,,	25
Shields - -	29·871	29·908	29·873	29·891	29·947	29·959	29·866	29·858	29·910	29·826	29·824	29·836	29·881	,, ,, ,,	25
Spurn Head -	29·911	29·938	29·891	29·887	29·956	29·971	29·896	29·894	29·947	29·847	29·854	29·870	29·905	1880—1895	16
York- - -	29·922	29·945	29·904	29·901	29·965	29·979	29·899	29·895	29·948	29·862	29·859	29·886	29·914	1873—1895	23
Loughborough -	29·958	29·972	29·931	29·905	29·976	29·991	29·927	29·923	29·971	29·886	29·888	29·922	29·938	1871—1895	25
Ardrossan - -	29·834	29·880	29·861	29·879	29·938	29·944	29·856	29·843	29·892	29·813	29·799	29·809	29·862	,, ,, ,,	25
Malin Head -	29·795	29·844	29·842	29·855	29·918	29·934	29·851	29·830	29·869	29·798	29·755	29·768	29·838	1885—1895	11
Belmullet - -	29·830	29·870	29·882	29·863	29·941	29·953	29·889	29·867	29·904	29·846	29·799	29·822	29·872	,, ,, ,,	11
Donaghadee -	29·854	29·894	29·883	29·883	29·952	29·959	29·880	29·869	29·916	29·834	29·819	29·840	29·882	1873—1895	23
Liverpool - -	29·918	29·943	29·911	29·892	29·965	29·976	29·905	29·898	29·947	29·862	29·862	29·891	29·914	1871—1895	25
Holyhead - -	29·897	29·923	29·906	29·880	29·961	29·976	29·909	29·898	29·941	29·854	29·845	29·876	29·906	,, ,, ,,	25
Parsonstown -	29·895	29·915	29·925	29·883	29·963	29·981	29·914	29·908	29·948	29·877	29·852	29·891	29·913	1873—1895	23
Valencia - -	29·894	29·917	29·929	29·871	29·967	29·984	29·937	29·921	29·961	29·879	29·867	29·900	29·919	1871—1895	25
Roche's Point -	29·909	29·927	29·930	29·873	29·964	29·983	29·933	29·921	29·963	29·876	29·869	29·908	29·921	,, ,, ,,	25
Pembroke - -	29·932	29·948	29·930	29·875	29·965	29·983	29·933	29·923	29·962	29·871	29·871	29·914	29·926	,, ,, ,,	25
Scilly - -	29·960	29·964	29·946	29·872	29·975	30·002	29·969	29·958	29·982	29·892	29·898	29·950	29·947	,, ,, ,,	25
Prawle Point -	29·991	29·996	29·960	29·890	29·988	30·010	29·977	29·968	30·004	29·910	29·917	29·970	29·965	1879—1895	17
Jersey - -	30·012	30·016	29·965	29·893	29·992	30·019	29·998	29·987	30·003	29·913	29·937	29·993	29·977	1876—1895	20
Hurst Castle -	29·991	29·996	29·955	29·893	29·983	30·007	29·963	29·962	30·002	29·906	29·912	29·962	29·961	1874—1895	22
Dover - -	29·992	29·990	29·936	29·884	29·968	29·989	29·950	29·945	29·981	29·898	29·904	29·954	29·949	1871—1895	25
London - -	29·991	29·996	29·949	29·901	29·982	30·001	29·953	29·951	29·991	29·907	29·910	29·956	29·957	,, ,, ,,	25
Oxford - -	29·987	29·994	29·951	29·907	29·984	29·996	29·943	29·944	29·985	29·906	29·908	29·956	29·955	,, ,, ,,	25
Cambridge -	29·979	29·987	29·941	29·904	29·978	29·994	29·934	29·933	29·979	29·895	29·901	29·941	29·947	1873—1895	23
Yarmouth - -	29·960	29·967	29·916	29·894	29·966	29·983	29·923	29·920	29·959	29·874	29·879	29·915	29·930	1871—1895	25

NOTE.—When the records available have not extended over the whole of the period 1871—95 the following rules have been observed for purposes of interpolation :—

(1) Where the observations available have not covered a period of eleven years or more they have been rejected.

(2) When the observations have covered a period of eleven years, or more, the means have been reduced to their approximate values for the whole period by comparison with the values at adjacent stations.

At the North Foreland the observations are insufficient in point of duration to furnish averages of any great value.

TABLE II.—SHOWING FOR THE TELEGRAPHIC REPORTING STATIONS THE MEAN

MONTH AND FOR THE WHOLE YEAR, DERIVED FROM

STATIONS.	JANUARY.		FEBRUARY.		MARCH.		APRIL.		MAY.		JUNE.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
	°	°	°	°	°	°	°	°	°	°	°	°
Sumburgh Head	39·4	38·0	38·6	37·2	38·5	37·0	42·1	40·4	46·1	44·1	50·5	48·7
Stornoway	39·1	38·2	38·9	38·0	39·2	38·2	43·8	42·3	48·4	46·5	53·4	51·4
Wick	37·9	36·6	37·7	36·4	38·9	37·2	43·3	41·3	48·1	45·7	53·4	50·8
Nairn	36·9	35·4	36·7	35·1	37·9	36·2	43·0	40·7	48·8	45·7	54·4	51·0
Aberdeen	36·9	35·2	36·9	35·2	38·6	36·5	43·5	40·8	48·9	45·4	54·8	50·8
Leith	38·2	36·7	38·1	36·7	39·3	37·6	44·2	41·8	50·1	46·7	55·9	52·3
Shields	37·7	36·5	38·3	36·9	39·3	37·7	43·6	41·4	49·0	46·0	54·9	51·8
Spurn Head	37·3	36·3	38·1	37·2	39·7	38·3	44·1	42·4	49·4	47·3	55·3	52·8
York	36·2	35·2	37·0	36·0	38·5	36·9	43·7	41·6	49·9	46·8	56·1	52·7
Loughborough	35·8	34·8	36·7	35·5	38·6	36·9	44·1	41·8	51·0	47·6	57·7	53·8
Ardrossan	39·5	38·4	39·2	38·0	40·1	38·6	44·6	42·4	49·8	47·0	55·3	52·3
Malin Head	40·6	39·0	41·0	39·5	41·0	39·3	44·2	42·2	48·7	46·3	53·6	51·2
Belmullet	42·3	41·0	42·3	40·7	43·2	41·4	46·5	44·3	51·0	48·2	56·2	53·2
Donaghadee	39·7	38·9	40·0	39·1	40·7	39·5	44·8	43·1	49·7	47·6	55·1	53·0
Liverpool	38·1	36·5	38·5	37·0	40·2	38·1	45·2	42·2	50·9	47·0	57·0	52·8
Holyhead	41·3	40·0	41·1	39·8	42·0	40·5	46·0	44·0	50·6	48·1	55·9	53·4
Parsonstown	38·3	37·3	39·1	37·8	40·1	38·6	45·1	42·7	51·0	47·9	56·2	52·9
Valencia	44·0	42·7	44·3	42·6	44·8	42·8	48·4	45·9	52·9	49·7	57·4	54·5
Roche's Point	42·7	41·4	43·0	41·4	43·3	41·5	47·0	44·7	51·8	49·0	57·0	53·8
Pembroke	42·2	40·8	41·8	40·5	42·1	40·4	45·4	43·7	50·0	47·9	55·4	53·4
Scilly	46·0	44·4	45·7	44·1	46·0	44·1	48·8	46·8	52·7	50·4	57·5	55·3
Prawle Point	41·3	40·3	41·2	40·2	42·7	41·2	46·6	44·9	51·7	49·5	57·1	54·7
Jersey	41·5	40·0	42·0	40·6	44·0	41·9	48·8	46·1	53·8	50·6	59·0	55·9
Hurst Castle	39·6	38·8	39·8	38·8	41·0	39·9	45·8	44·4	51·9	50·1	57·9	55·7
Dover	38·4	37·4	38·8	37·7	40·6	39·2	46·4	44·1	52·5	49·4	58·2	55·0
London	37·1	36·0	38·1	36·8	40·0	38·1	46·2	43·2	52·7	48·6	58·9	54·6
Oxford	36·4	35·4	37·3	36·1	38·7	37·2	44·4	42·1	50·8	47·6	56·8	53·3
Cambridge	35·6	34·8	36·7	35·7	38·8	37·4	45·7	43·0	51·9	48·6	58·1	54·7
Yarmouth	37·0	36·1	37·8	36·9	40·1	38·5	44·7	43·0	50·6	48·1	56·8	54·0

NOTE.—When the records available have not extended over the whole of the period 1871 to 1895, the

(1) Where the observations available have not covered a period of eleven years or more they have

(2) When the observations have covered a period of eleven years or more the means have been

At the North Foreland the observations are

VALUES OF THE DRY BULB AND WET BULB TEMPERATURES FOR EACH

OBSERVATIONS MADE AT 8 A.M. DAILY DURING THE 25 YEARS 1871-95.

JULY.		AUGUST.		SEPTEMBER.		OCTOBER.		NOVEMBER.		DECEMBER.		ANNUALS.		Limits of Years of Actual Observations.	Number of Years.
Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.		
°	°	°	°	°	°	°	°	°	°	°	°	°	°		
53·3	51·7	53·4	51·8	50·8	49·1	45·9	44·2	42·3	40·6	39·8	38·3	45·1	43·4	1871—1895	25
55·4	53·7	55·0	53·5	51·5	50·2	45·4	44·3	42·0	41·0	39·6	38·7	46·0	44·7	,, ,, ,,	25
55·8	53·6	55·3	53·4	52·0	50·1	46·1	44·5	41·6	40·1	38·3	37·1	45·7	43·9	,, ,, ,,	25
56·7	53·4	55·7	53·0	51·5	49·1	44·5	42·6	40·0	38·4	37·2	35·7	45·3	43·0	,, ,, ,,	25
57·4	53·7	56·6	53·5	52·3	49·8	45·4	43·4	40·7	38·9	37·0	35·3	45·8	43·2	,, ,, ,,	25
58·3	54·7	57·6	54·4	53·3	50·8	46·4	44·5	41·8	40·1	38·7	37·2	46·8	44·5	,, ,, ,,	25
58·1	54·9	57·3	54·6	53·2	51·0	46·9	45·1	42·4	40·8	38·4	37·0	46·6	44·5	,, ,, ,,	25
59·4	56·6	58·9	56·6	55·6	53·8	48·8	47·3	43·5	42·2	38·9	37·8	47·4	45·7	1880—1895	16
59·1	55·8	57·8	55·1	52·9	51·0	45·6	44·2	40·9	39·7	36·6	35·6	46·2	44·2	1873—1895	23
60·9	57·2	59·2	56·3	53·6	51·9	45·6	44·3	40·7	39·5	36·4	35·4	46·7	44·6	,, ,, ,,	23
57·3	54·7	57·3	55·0	53·7	51·6	47·6	45·7	43·3	41·6	40·3	39·1	47·3	45·4	1871—1895	25
55·9	53·7	56·1	53·9	53·5	51·1	48·2	46·1	43·9	42·0	41·3	39·6	47·3	45·3	1885—1895	11
57·5	54·9	57·8	55·2	55·1	52·7	49·4	46·4	45·3	43·3	42·8	40·9	49·1	46·9	,, ,, ,,	11
57·3	55·4	56·9	55·4	53·6	52·4	47·6	46·3	43·4	42·3	40·4	39·5	47·4	46·0	1873—1895	23
59·3	55·4	58·6	55·3	54·7	52·0	47·6	45·5	42·7	40·9	39·0	37·3	47·7	45·0	1871—1895	25
58·1	55·8	58·4	56·2	55·8	53·6	50·1	48·0	45·9	44·2	42·8	41·2	49·0	47·1	,, ,, ,,	25
57·9	54·8	57·2	55·1	52·8	50·9	45·5	43·9	41·8	40·3	38·3	37·0	46·9	44·9	1873—1895	23
59·0	56·4	59·3	56·9	56·4	54·1	51·0	48·8	47·4	45·5	45·0	42·9	50·8	48·6	1871—1895	25
58·8	55·9	58·8	56·3	55·6	53·4	49·9	48·1	46·2	44·6	43·5	42·1	49·8	47·7	,, ,, ,,	25
57·9	55·9	58·6	56·6	56·2	54·0	51·0	49·1	47·1	45·4	43·9	42·6	49·3	47·5	,, ,, ,,	25
60·2	58·1	60·9	58·8	58·5	56·4	53·6	51·5	50·1	48·1	47·4	45·5	52·3	50·3	,, ,, ,,	25
59·5	57·2	60·0	57·9	57·2	55·3	51·0	49·4	46·4	44·9	42·8	41·4	49·8	48·1	1879—1895	17
62·0	58·9	63·0	59·7	60·2	57·2	53·3	50·6	48·0	46·0	43·5	41·7	51·6	49·1	1871—1895	25
61·1	58·8	61·2	59·0	57·3	55·7	50·7	49·1	45·3	44·3	40·9	40·1	49·4	47·9	1874—1895	22
61·7	58·4	61·9	58·7	57·9	55·5	50·2	48·4	44·7	43·3	40·0	38·9	49·3	47·2	1871—1895	25
61·8	57·6	60·9	57·3	55·8	53·4	47·5	45·9	42·5	41·1	38·0	36·8	48·3	45·8	,, ,, ,,	25
59·8	56·4	58·8	55·9	53·9	52·0	46·0	44·7	41·4	40·2	37·1	36·0	46·8	44·7	,, ,, ,,	25
61·1	57·6	59·9	57·1	54·6	52·9	46·3	45·3	41·0	40·1	36·4	35·6	47·2	45·2	1873—1895	23
60·7	57·6	60·5	57·5	56·4	54·4	49·1	47·6	43·4	42·2	38·1	37·1	47·9	46·1	1871—1895	25

following rules have been observed for purposes of interpolation :—

been rejected.

reduced to their approximate values for the whole period by comparison with the values at adjacent and similarly exposed stations having a complete record.

insufficient in point of duration to furnish averages of any great value.

TABLE III.—SHOWING FOR THE TELEGRAPHIC REPORTING STATIONS THE MEAN VALUES OF THE DAILY

FOR EACH MONTH AND FOR THE WHOLE YEAR—DERIVED

STATIONS.	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
Sumburgh Head	42·5	35·2	38·9	42·2	34·4	38·3	42·8	34·0	38·4	46·2	36·9	41·6	50·3	40·3	45·3	54·6	45·0	49·8
Stornoway	42·9	34·0	38·5	43·6	34·2	38·9	44·9	34·2	39·6	49·2	37·1	43·2	53·5	41·0	47·3	58·2	46·0	52·1
Wick	42·0	32·9	37·5	42·9	32·9	37·9	44·9	33·8	39·4	49·3	37·0	43·2	53·9	40·7	47·3	58·9	45·5	52·2
Nairn	42·0	32·2	37·1	43·4	32·5	38·0	45·9	33·4	39·7	51·4	36·9	44·2	56·6	41·9	49·3	62·3	47·3	54·8
Aberdeen	42·0	32·8	37·4	43·1	33·3	38·2	45·7	34·3	40·0	49·6	38·0	43·8	54·9	41·9	48·4	61·0	47·2	54·1
Leith	43·9	33·3	38·6	45·5	33·9	39·7	48·0	34·4	41·2	52·2	37·9	45·1	57·8	42·4	50·1	63·9	48·0	56·0
Shields	42·7	33·5	38·1	43·9	34·4	39·2	46·2	34·8	40·5	49·3	38·4	43·9	54·5	42·7	48·6	60·6	48·5	54·6
Spurn Head	41·2	34·0	37·6	42·2	35·4	38·8	44·8	36·4	40·6	48·6	40·2	44·4	54·3	45·0	49·7	60·3	51·1	55·7
York	42·2	31·9	37·1	44·4	33·2	38·8	48·4	33·8	41·1	54·0	37·5	45·8	59·9	42·3	51·1	66·2	48·4	57·3
Loughborough	42·5	31·7	37·1	45·2	33·0	39·1	49·8	33·8	41·8	55·7	37·7	46·7	61·9	42·6	52·3	68·6	48·8	58·7
Ardrossan	43·7	35·7	39·7	44·4	35·9	40·2	46·4	36·1	41·3	51·7	39·4	45·6	56·6	43·9	50·3	62·1	49·4	55·8
Malin Head	45·0	37·6	41·3	45·5	38·3	41·9	46·5	38·5	42·5	50·1	41·7	45·9	54·3	45·5	49·9	59·0	50·8	54·9
Belmullet	46·4	38·7	42·6	47·2	38·8	43·0	48·4	39·3	43·9	52·2	42·7	47·5	55·7	46·3	51·0	60·8	51·4	56·1
Donaghadee	44·2	35·8	40·0	45·5	36·6	41·1	47·3	37·1	42·2	51·2	40·5	45·9	56·1	44·6	50 4	61·5	49·7	55·6
Liverpool	43·0	34·7	38·9	44·3	35·7	40·0	47·2	36·7	42·0	53·0	40·4	46·7	58·2	45·1	51·7	64·0	51·1	57·6
Holyhead	45·1	38·2	41·7	45·4	38·3	41·9	47·4	38·8	43·1	51·7	42·0	46·9	56·3	46·1	51·2	61·7	51·3	56·5
Parsonstown	45·0	33·6	39·3	46·8	35·1	41·0	49·9	34·9	42·4	54·9	38·2	46·6	59·7	42·8	51·3	64·9	48·5	56·7
Valencia	49·0	39·8	44·4	49·5	40·3	44·9	51·0	40·3	45·7	54·3	43·0	48·7	58·1	46·5	52·3	62·5	51·2	56·9
Roche's Point	47·3	38·9	43·1	48·2	39·4	43·8	49·7	39·5	44·6	53·8	42·4	48·1	58·7	46·3	52·5	64·3	51·3	57·8
Pembroke	45·1	39·0	42·1	45·3	39·0	42·2	46·6	39·0	42·8	50·7	42·0	46·4	55·1	46·0	50·6	60·5	51·6	56·1
Scilly	48·5	42·3	45·4	48·6	42·4	45·5	49·5	42·3	45·9	52·3	44·9	48·6	56·4	48·3	52·4	61·5	53·2	57·4
Prawle Point	45·7	37·0	41·4	46·6	37·8	42·2	48·2	37·7	43·0	52·3	41·1	46 7	56·9	45·4	51·2	61·7	50·7	56·2
Jersey	45·6	37·9	41·8	46·8	38·8	42·8	49·7	39·8	44·8	54·7	43·7	49·2	59·7	47·4	53·6	64·9	52·8	58·9
Hurst Castle	44·4	35·6	40·0	45·4	36·3	40·9	47·9	37·1	42·5	52·8	41·3	47·1	59·0	45·9	52·5	64·6	52·0	58·3
Dover	42·9	34·7	38·8	44·2	35·5	39·9	46·5	36·6	41·6	51·4	41·4	46·4	57·2	46·4	51·8	63·0	52·3	57·7
London	43·4	33·2	38·3	45·5	34·5	40·0	50·1	35·2	42·7	56·6	39·8	48·2	62·6	44·5	53·6	69·2	50·6	59·9
Oxford	42·5	32·9	37·7	44·9	34·2	39·6	49·3	34·5	41·9	55·2	38·8	47·0	61·0	43·5	52·3	67·1	49·9	58·5
Cambridge	42·7	30·9	36·8	45·5	32·1	38·8	50·6	32·9	41·8	56·7	37·1	46·9	62·4	42·1	52·3	68·8	48·4	58·6
Yarmouth	40·9	33·0	37·0	42·3	34·0	38·2	45·2	35·3	40·3	49·2	40·0	44·6	55·3	44·8	50·1	61·9	51·0	56·5

NOTE:—When the records available have not extended over the whole of the period 1871-95, the

(1) Where the observations available have not covered a period of eleven years or more, they have

(2) When the observations have covered a period of eleven years or more, the means have been

At the North Foreland the observations

MAXIMUM AND MINIMUM TEMPERATURES, AND OF THE MAXIMUM AND MINIMUM COMBINED, FROM OBSERVATIONS EXTENDING OVER THE 25 YEARS 1871—1895.

JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.			ANNUALS.			Limits of Years of Actual Observations.	Number of Years.
Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.		
°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°		
57·5	48·3	52·9	57·7	48·5	53·1	55·0	46·1	50·6	49·7	41·6	45·7	45·8	38·2	42·0	42·8	35·5	39·2	48·9	40·3	44·6	1871—1895	25
60·2	49·0	54·6	59·8	49·1	54·5	56·5	45·8	51·2	50·8	40·3	45·6	46·4	37·1	41·8	43·3	34·4	38·9	50·8	40·2	45·5	,, ,, ,,	25
61·6	48·9	55·3	61·2	48·6	54·9	57·8	45·7	51·8	51·6	40·4	46·0	46·2	36·4	41·3	42·4	33·0	37·7	51·1	39·7	45·4	1872—1895	24
64·3	50·6	57·5	63·6	50·1	56·9	59·5	46·2	52·9	51·9	40·0	46·0	45·7	35·5	40·6	42·2	32·4	37·3	52·4	39·9	46·2	1871—1895	25
63·6	50·7	57·2	63·1	50·2	56·7	59·3	46·6	53·0	52·3	41·1	46·7	46·3	36·7	41·5	42·0	32·8	37·4	51·9	40·5	46·2	,, ,, ,,	25
66·4	51·2	58·8	65·8	51·3	58·6	62·0	47·5	54·8	54·5	41·4	48·0	48·2	37·1	42·7	44·1	33·7	38·9	54·4	41·0	47·7	,, ,, ,,	25
63·9	51·9	57·9	63·9	51·7	57·8	60·1	48·2	54·2	53·2	42·2	47·7	47·6	38·0	42·8	43·1	33·9	38·5	52·4	41·5	47·0	,, ,, ,,	25
64·8	54·9	59·9	64·4	54·9	59·7	60·7	52·5	56·6	53·3	45·5	49·4	47·1	40·4	43·8	42·6	35·4	39·0	52·0	43·8	47·9	1880—1895	16
68·5	51·8	60·2	67·8	51·4	59·6	63·2	47·5	55·4	54·4	41·0	47·7	47·7	36·6	42·2	42·5	32·4	37·5	54·9	40·7	47·8	1871—1895	25
71·1	52·5	61·8	70·3	52·0	61·2	65·4	47·6	56·5	55·6	40·9	48·3	48·4	36·7	42·6	43·0	32·3	37·7	56·5	40·8	48·7	,, ,, ,,	25
63·5	52·7	58·1	63·4	52·8	58·1	59·7	49·4	54·6	53·5	43·4	48·5	47·9	39·2	43·6	44·7	36·2	40·5	53·1	42·8	48·0	1872—1895	24
60·9	53·5	57·2	61·7	54·0	57·9	58·4	51·1	54·8	52·4	45·6	49·0	48·0	40·9	44·5	45·2	38·1	41·7	52·3	44·6	48·5	1885—1895	11
62·2	53·8	58·0	62·5	54·1	58·3	59·6	51·6	55·6	53·9	46·0	50·0	49·4	41·5	45·5	46·9	39·0	43·0	53·8	45·3	49·6	,, ,, ,,	11
63·2	52·2	57·7	62·5	52·6	57·6	60·0	49·4	54·7	53·6	43·3	48·5	48·5	39·4	44·0	45·8	36·3	41·1	53·3	43·1	48·2	1873—1895	23
65·9	54·1	60·0	65·6	54·3	60·0	61·5	50·9	56·2	63·7	44·5	49·1	48·0	39·7	43·9	43·8	35·7	39·8	54·0	43·6	48·8	1871—1895	25
63·7	54·2	59·0	64·0	54·7	59·4	60·8	52·5	56·7	54·6	47·0	50·8	49·8	42·9	46·4	46·5	39·2	42·9	53·9	45·4	49·7	1872—1895	24
66·2	51·4	58·8	65·7	51·5	58·6	61·7	47·2	54·5	54·6	40·4	47·5	49·1	37·0	43·1	45·1	33·5	39·3	55·3	41·2	48·3	,, ,, ,,	24
63·9	53·6	58·8	64·4	54·2	59·3	61·8	51·3	56·6	56·3	46·3	51·3	52·3	42·9	47·6	49·9	40·4	45·2	56·1	45·8	51·0	1871—1895	25
65·8	53·3	59·6	65·7	53·9	59·8	61·7	51·0	56·4	55·7	45·8	50·8	51·2	42·0	46·6	48·2	39·4	43·8	55·9	45·3	50·6	1872—1895	24
62·4	54·8	58·6	63·0	55·6	59·3	60·3	53·1	56·7	54·7	47·8	51·3	50·3	43·6	47·0	47·0	40·5	43·8	53·4	46·0	49·7	,, ,, ,,	24
64·4	56·2	60·3	64·9	56·9	60·9	62·0	54·8	58·4	56·6	50·0	53·3	52·6	46·6	49·6	49·8	43·6	46·7	55·6	48·5	52·1	1871—1895	25
64·4	53·8	59·1	65·1	54·5	59·8	62·5	52·3	57·4	56·5	46·1	51·3	51·2	42·1	46·7	47·3	38·5	42·9	54·9	44·8	49·9	1879—1895	17
68·2	56·3	62·3	68·8	57·2	63·0	65·8	54·9	60·4	58·3	48·7	53·5	52·3	44·3	48·3	47·7	39·7	43·7	56·9	46·8	51·9	1871—1895	25
67·7	55·5	61·6	68·1	56·0	62·1	64·6	52·3	58·5	57·1	45·8	51·5	50·7	41·0	45·9	45·9	36·7	41·3	55·7	44·6	50·2	1874—1895	22
66·7	56·0	61·4	67·3	56·6	62·0	63·7	53·2	58·5	56·3	46·1	51·2	49·7	40·9	45·3	44·7	35·9	40·3	54·5	44·6	49·6	1872—1895	24
72·0	54·0	63·0	71·6	53·5	62·6	66·5	49·6	58·1	56·6	42·7	49·7	49·6	38·3	44·0	44·3	34·0	39·2	57·3	42·5	49·9	1871—1895	25
69·4	53·3	61·4	69·1	53·0	61·1	64·3	48·8	56·6	55·4	42·0	48·7	48·5	37·7	43·1	43·2	33·6	38·4	55·8	41·9	48·8	,, ,, ,,	25
71·6	52·1	61·9	71·1	51·9	61·5	66·0	47·9	57·0	56·4	40·9	48·7	48·9	36·0	42·5	43·2	31·6	37·4	57·0	40·3	48·7	,, ,, ,,	25
66·2	54·8	60·5	66·3	54·7	60·5	62·3	51·3	56·8	54·3	44·6	49·5	47·7	39·2	43·5	42·2	33·8	38·0	52·8	43·0	47·9	1872—1895	24

following rules have been observed for purposes of interpolation :—

been rejected.

reduced to their approximate value for the whole period by comparison with the values at adjacent and similarly exposed Stations having a complete record.

are insufficient in point of duration to furnish averages of any great value.

TABLE V.—SHOWING FOR THE TELEGRAPHIC REPORTING STATIONS THE MEAN RAINFALL FOR EACH MONTH AND FOR THE WHOLE YEAR—DERIVED FROM OBSERVATIONS EXTENDING OVER THE 30 YEARS 1866 TO 1895.

STATIONS.	JAN.	FEB.	MAR.	APRIL.	MAY.	JUNE.	JULY.	AUGUST.	SEPT.	OCT.	NOV.	DEC.	ANNUAL	LIMITS OF YEARS OF ACTUAL OBSERVATIONS.	NO. OF YEARS.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.		
Sumburgh Head -	3·85	3·11	2·75	1·95	1·76	1·93	2·36	3·34	3·38	4·31	4·14	4·27	37·15	1871—1895	25
Stornoway - -	5·17	3·80	3·70	2·49	2·53	2·76	3·08	3·77	4·09	5·15	4·80	5·64	46·98	1855—1895	41
Wick - - -	2·24	2·16	1·99	1·63	1·77	1·75	2·52	2·68	2·51	3·14	2·93	3·17	28·49	1866—1895	30
Nairn - - -	1·98	1·65	1·68	1·21	1·68	1·73	2·73	2·80	2·48	2·51	2·14	1·94	24·53	,, ,, ,,	30
Aberdeen - -	2·38	2 26	2·23	1·96	2·01	1·80	2·84	3·15	2·89	3·05	3·16	3·11	30·84	,, ,, ,,	30
Leith - - -	1·78	1·51	1·41	1·46	1·70	1·79	2·80	2·74	2·19	2·03	2·05	1·89	23 35	,, ,, ,,	30
Shields - - -	1·72	1·50	1·74	1·65	1·64	1·71	2·69	2·86	2·30	2·58	2·39	2·32	25·10	,, ,, ,,	30
Spurn Head -	1·38	1·32	1·19	1·35	1·61	1·64	1·78	1·84	1·83	2·33	2·28	2·05	20·60	1880—1895	16
York - - -	1·84	1·68	1·66	1·68	1·87	2·21	2·78	2·62	2·45	2·74	2·21	2·21	25·95	1866—1895	30
Loughborough -	2·01	1·71	1·54	1·71	2·05	2·20	2·35	2·50	2·50	2·83	2·21	2·24	25·85	1872—1895	24
Ardrossan - -	3·89	2·93	2·30	2·03	2·28	2·32	2·86	3·91	3·38	3·82	3·78	3·66	37·16	1866—1895	30
Belmullet - -	**5·48**	**4·20**	**3·80**	**2·48**	**2·83**	**2·85**	**3·59**	**4·62**	**4·26**	**5·18**	**5·92**	**5·36**	**50·57**	1876—1895	20
Donaghadee - -	2·90	2·34	1·97	1·86	2·21	2·03	2·82	3·27	2·74	3·22	3·10	2·85	31·31	1873—1895	23
Liverpool - -	2·18	1·68	1·67	1·54	1·83	1·99	2·99	2·87	3·17	3·58	2·81	2·62	28·93	1866—1895	30
Holyhead - -	3·26	2·42	2·20	1·86	1·85	1·97	2·37	2·98	3·10	4·44	3·96	3·83	34·24	,, ,, ,,	30
Parsonstown -	2·99	2·16	2·20	2·04	2·31	2·34	2·98	3·67	2·92	3·12	2·86	3·09	32·68	,, ,, ,,	30
Valencia - -	6·31	4·89	3·87	3·67	3·13	3·34	4·23	4·85	4·38	5·57	5·63	5·93	55·80	1869—1895	27
Roche's Point -	5·33	4·19	3·38	3·06	3·01	3·07	3·18	4·03	3·74	4·16	4·79	5·16	47·10	1868—1895	28
Pembroke - -	3·71	2·62	2·26	1·89	1·96	1·88	2·53	2·88	3·32	4·11	4·04	3·96	35·16	1871—1895	25
Scilly - - -	3·63	2·62	2·28	2·15	1·69	1·76	2·47	2·54	3·28	3·77	3·80	4·00	33·99	,, ,, ,,	25
Prawle Point .	2·92	1·94	1·88	1·94	1·48	1·59	2·39	2·24	2·41	3·78	3·26	3·77	29·60	1879—1895	17
Jersey - - -	3·21	2·41	2·24	2·01	1·86	1·86	2·54	2·44	2·96	4·70	4·19	3·76	34·18	1866—1895	30
Hurst Castle -	2·86	2·10	1·78	1·72	1·64	1·83	2·39	2·37	2·76	3·60	3·11	2·77	28·93	,, ,, ,,	30
Dover - - -	2·47	1·81	1·74	1·61	1·66	1·52	2·05	2·07	2·53	3·43	3·30	2·79	26·98	,, ,, ,,	30
London - - -	2·06	1·64	1·43	1·70	1·77	1·99	2·48	2·36	2·17	2·82	2·31	2·11	24·84	,, ,, ,,	30
Oxford - - -	2·16	1·76	1·50	1·66	1·83	2·11	2·68	2·32	2·43	2·75	2·42	2·10	25·72	,, ,, ,,	30
Cambridge - -	1·52	1·42	1·34	1·56	1·87	2·14	2·62	2·39	2·13	2·41	2·07	1·82	23·29	,, ,, ,,	30
Yarmouth - -	1·96	1·73	1·73	1·63	1·83	1·86	2·89	2·30	2·64	3·11	2·92	2·53	27·13	,, ,, ,,	30

NOTE.—When the records available have not extended over the whole of the period 1866-1895, the following rules have been observed for purposes of interpolation :—

(1) Where the observations available have not covered a period of *sixteen* years, or more, they have been rejected.

(2) When the observations have covered a period of sixteen years, or more, the means have been reduced to their approximate values for the whole period by comparison with the values at adjacent and similarly exposed stations.

(3) In the case of Belmullet the values could not be corrected in the manner described ; the values given above are therefore for twenty years only, and are printed in thick type.

At North Foreland and Malin Head the observations are insufficient in point of duration to furnish averages of any great value.

TABLE VI.—Showing, for certain TELEGRAPHIC REPORTING STATIONS for EACH MONTH and the WHOLE YEAR, the Mean Numbers of Hours of BRIGHT SUNSHINE, together with the PERCENTAGES of the POSSIBLE DURATION, in each instance —derived from Observations extending over the 15 years 1881 to 1895.

STATIONS.	Jan.		Feb.		Mar.		April.		May.		June.		July.		Aug.		Sept.		Oct.		Nov.		Dec.		Annuals.		Limits of Years of Actual Observations.	Number of Years.
	Hours.	Percentages.	Hours.	Percentages.	Hours.	Percentages.	Hours.	Percentages.	Hours.	Percentages.	Hours.	Percentages.	Hours.	Percentages.	Hours.	Percentages.	Hours.	Percentages.	Hours.	Percentages.	Hours.	Percentages.	Hours.	Percentages.	Hours.	Percentages.		
Stornoway	29·2	13	63·6	25	103·3	29	159·0	37	184·8	36	185·1	35	143·6	27	117·4	25	103·3	27	84·1	27	42·1	18	25·4	13	1240·9	28	1881—1895	15
Aberdeen	52·6	23	73·4	28	124·0	34	154·0	36	192·2	38	196·5	37	160·8	31	151·1	33	124·2	33	97·5	31	54·7	23	39·9	20	1420·9	32	,, ,, ,,	15
York	30·2	12	60·0	22	109·1	30	139·4	33	187·8	38	173·0	34	163·3	32	145·1	32	118·4	32	87·3	27	39·7	16	26·5	12	1279·8	29	,, ,, ,,	15
Parsonstown	50·8	21	68·0	25	114·7	32	155·8	38	180·2	37	173·7	35	136·5	27	131·0	29	124·7	33	97·1	30	63·1	25	45·0	20	1340·6	30	,, ,, ,,	15
Valencia	56·1	22	72·9	27	135·3	37	171·5	42	206·4	43	203·4	41	153·8	31	146·0	33	130·4	35	104·2	32	63·8	25	43·9	19	1487·7	34	,, ,, ,,	15
Pembroke	53·6	21	79·9	29	139·9	38	185·9	45	217·3	45	234·7	48	199·7	40	188·8	42	146·5	39	103·4	32	58·8	23	46·0	20	1654·5	38	,, ,, ,,	15
Jersey	71·2	27	95·0	34	160·2	44	196·3	48	249·2	53	243·1	51	230·0	48	241·2	55	183·4	49	127·4	39	70·9	26	62·6	25	1930·5	44	,, ,, ,,	15
London (Westminster)	19·3	8	33·0	12	72·3	20	113·9	28	168·6	35	167·4	34	162·0	33	160·9	36	111·5	30	70·1	22	29·5	11	11·8	5	1120·3	25	1883—1895	13
Oxford	47·1	19	66·3	24	119·7	33	152·1	37	196·6	41	192·1	39	185·5	38	182·9	41	141·0	38	101·7	31	55·4	22	41·8	18	1482·2	34	1881—1895	15
Cambridge	49·8	20	70·5	26	127·4	35	157·7	38	199·6	41	195·3	40	189·6	38	180·5	40	144·2	39	104·4	32	61·7	24	41·2	18	1521·9	35	,, ,, ,,	15

Note.—Where the records available have not extended over the whole period of 1881-1895, they have been reduced to their approximate values for the 15 years by comparison with those at adjacent and similarly exposed stations.

The observations at Scilly are insufficient in point of duration to furnish averages of any great value ; they are therefore omitted.

Wyman & Sons, Ltd., Printers, 63, Carter Lane, Doctors' Commons, E.C. [8984)

DAILY WEATHER REPORT

for 8 a.m. on Tuesday September 1st 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Change since Yesterday.	Temperature. Dry Bulb.	Wet Bulb.	Change since Yesterday.	Wind. Direc.	Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ... †	30.52	64	2	0	b	30.53	+.04	50	50	+1	2	0	0	*	b	*	64	39	—
	Hernösand ... †	30.52	57	2	0	c	30.51	+.06	59	57	0	NW	2	c	*	c	*	68	50	—
	Stockholm ... †	30.49	59	ESE	2	b	30.43	−.05	63	60	+2	E	2	b	*	b	*	68	53	—
	Wisby ... ... †	30.38	59	ESE	4	b	30.29	−.14	63	59	+1	SE	8	b	*	b	*	68	53	—
	Karlstad ... †	30.43	62	E	2	b	30.39	−.04	58	54	+4	NE	4	b	*	b	*	*	*	—
	Bodö	30.51	54	2	0	b	30.42	+.01	61	54	+7	ENE	4	b	1	b	*	61	50	—
	Christiansund ...	30.43	59	NE	1	b	30.30	−.01	59	55	+3	NE	3	b	1	b	*	61	55	—
	Skudesnaes ...	30.18	63	E	6	c	30.15	−.08	64	56	+5	E	4	bc	3	o.c	*	65	57	*
	Færder (Christiania Fjord)	30.36	64	NE	2	b	30.34	−.04	59	58	+1	NNE	2	b	1	b	*	64	57	—
	Skagen (The Scaw)	30.29	63	E	2	bc	30.20	−.10	60	57	−1	E	4	bc	1	bc	*	70	57	—
	Fanö	30.04	64	E	6	b	29.96	−.12	62	61	+1	E	4	c	*	b	*	79	61	0.04
	Sumburgh Head	30.10	56	ESE	3	+	30.02	+.04	56	56	−1	ESE	3	+	5	c.+	*	59	54	0.77
	Stornoway ...	29.97	60	SSW	3	bc	30.04	+.21	52	51	−3	NNW	1	b	0	c.bc.f	7.1	60	44	—
	Wick	30.07	55	SSE	3	f	30.03	+.06	56	55	+1	N	3	m	1	f	*	64	52	—
	Nairn	29.99	60	E	1	m	30.02	+.10	57	55	0	Z	0	m	1	m	*	63	51	—
	Aberdeen ...	30.03	56	E	1	ofd	29.99	+.02	55	54	−1	WNW	3	od	4	omafd	0.9	61	53	0.02
BRITISH ISLANDS.	Leith	30.00	58	ENE	1	0	29.98	+.04	56	55	−2	N	1	om	*	0	*	62	52	—
	Shields	29.97	57	NE	2	f	29.94	0.0	56	55	−1	NW	3	0	2	c.f	*	62	54	—
	Spurn Head ...	29.93	62	SSW	3	0	29.89	−.03	58	57	−3	NNW	4	0	3	c.o.fd	*	66	55	—
	York	29.94	60	SE	1	tl+	29.94	+.02	55	56	+1	N	1	c	*	tl+	1.7	68	53	0.34
	Loughborough ...	29.93	59	N	1	c	29.93	+.01	56	55	+1	N	3	ogmw	*	gtcmg	*	61	52	0.25
	Ardrossan ...	29.98	60	Z	0	0	30.00	+.06	58	57	0	NNW	4	bcm	3	b.o	*	63	54	—
	Malin Head ...	30.01	55	NNW	3	c	30.05	+.15	55	53	+2	NNW	4	bc	2	c	*	59	53	0.01
	Belmullet ...	30.08	55	NNW	3	c	30.13	+.17	55	51	0	NNW	2	bc	*	o.c	*	57	52	0.07
	Donaghadee ...	30.01	59	NNW	3	c	30.03	+.08	57	55	+5	NNW	5	bc	3	c	*	62	50	—
	Liverpool (Bidston)	29.95	58	NW	1	0	29.95	+.03	59	56	+2	NNW	1	b	1	0	*	60	55	—
	Holyhead ...	29.99	56	N	3	b	30.00	+.06	56	55	+1	N	5	ogm	4	cf.b	*	58	54	0.01
	Parsonstown ...	30.04	56	Z	0	+	30.11	+.13	53	52	+1	N	2	o	*	fhtc	2.7	60	46	0.61
	Valencia ...	30.12	57	NNW	4	bcf	30.17	+.14	57	52	+2	N	3	c	4	bc.bcf	5.4	60	52	0.04
	Roche's Point ..	30.06	59	NW	3	c.f	30.11	+.10	56	54	+2	NNW	3	c	3	cf	*	62	51	0.02
	Pembroke (St. Ann's Hd.)	30.00	57	NW	3	b	30.00	+.05	56	54	0	N	4	og	3	b	9.3	58	54	—
	Scilly	30.05	58	NW	4	c	30.03	+.06	58	55	0	NNW	5	c	3	bc.c	9.2	63	54	—
	Prawle Point ...	30.00	55	NW	3	bc	29.95	+.03	54	52	−1	NW	3	og	2	bc.l	*	65	50	—
	Jersey (St. Aubin's)	29.98	61	W	4	bc	29.95	+.03	59	54	−1	W	4	cg	3	bc.cl.t	*	64	55	—
	Hurst Castle ...	29.92	63	NW	1	bc	29.89	+.01	56	52	0	WNW	2	fm	1	c.bc	*	69	56	0.08
	Dungeness ...	29.87	65	W	2	c	29.83	−.04	59	58	−5	ENE	1	bc	1	c.tl	*	69	55	0.56
	North Foreland	29.89	64	SE	1	bc	29.84	−.06	60	59	−4	W	2	c	2	bc.tl	*	69	56	0.96
	London (Brixton) ...	29.90	62	NNW	2	bc	29.87	−.02	58	56	−2	NE	1	o	*	o.b.+	0.0	67	53	0.25
	Oxford	29.93	60	NW	1	0	29.89	−.01	56	55	+1	N	3	ou	*	c.o.+t	*	65	54	0.39
	Cambridge ...	29.91	62	E	1	bm	29.90	−.01	56	56	−2	NNW	1	wf	*	bm.b+	2.1	71	54	0.16
	Yarmouth ...	29.92	64	ESE	1	b	29.85	−.06	59	58	−3	N	2	bf	2	b	*	66	54	—
GERMANY & HOLLAND.	Cuxhaven ...	29.93	68	ESE	3	bc	29.91	−.11	62	62	+1	SE	1	0	*	bc	*	70	61	—
	Berlin	30.01	69	E	2	c	29.92	−.09	64	62	−1	Z	0	0	*	c	*	75	63	—
	Wiesbaden ...	*	*	*	*	*	30.00	+.04	59	58	−3	Z	0	0	*	*	*	70	54	—
	Munich... ..	30.08	57	SW	1	b	30.06	+.02	58	55	+4	SW	3	bc	*	b	*	66	48	—
	The Helder ...	29.91	63	NE	2	0	29.86	−.09	63	62	0	NE	1	0	1	0	*	66	63	0.47
BELGIUM.	Brussels ...	*	*	*	*	*	29.91	−.03	59	56	−5	WNW	3	0	*	b	*	71	56	—
	Cape Gris Nez...	29.89	63	SW	4	+	29.86	+.01	59	57	−4	S	2	c	1	+	*	70	55	0.28
	Paris	29.91	68	SW	2	b	29.99	+.05	53	51	+2	SW	3	b	*	b	*	79	51	—
	Brest	30.25	59	NNW	3	bc	30.05	+.07	56	54	0	NW	2	bc	2	bc	*	63	50	—
	Lorient... ...	30.02	59	NNW	6	bc	30.06	+.09	54	52	0	WSW	1	bc	2	bc	*	64	46	—
FRANCE &	Rochefort ...	30.07	64	NW	5	b	30.09	+.12	57	56	−6	NE	3	c	*	b	*	68	55	0.04
	Belfort	30.35	63	Z	0	m	30.02	+.08	53	51	−3	W	2	c	*	m	*	69	51	0.04
	Lyons	29.99	67	SE	1	b	30.11	+.10	55	52	+3	SSE	1	0	*	b.f	*	75	52	—
	Nice	30.04	63	Z	0	c	30.08	+.09	60	59	+2	Z	0	0	0	c	*	73	55	—
	Perpignan ...	30.02	68	NE	2	b	30.06	+.04	66	57	+4	NW	2	0	*	b	*	80	62	—
	Biarritz ...	30.10	66	WNW	3	0	30.07	+.06	60	56	−3	WSW	5	0	4	0	*	68	57	0.04
PENINSULA.	Corunna ...																*			
	Lisbon	30.04	63	NNE	3	b	30.03	+.03	61	54	−5	NNE	4	b	*	b	*	75	57	—
	Azores (P. Delgada)	30.33	71	NW	1	c	30.29	+.02	70	66	−1	Z	0	c		bc.c	*	79	66	—

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

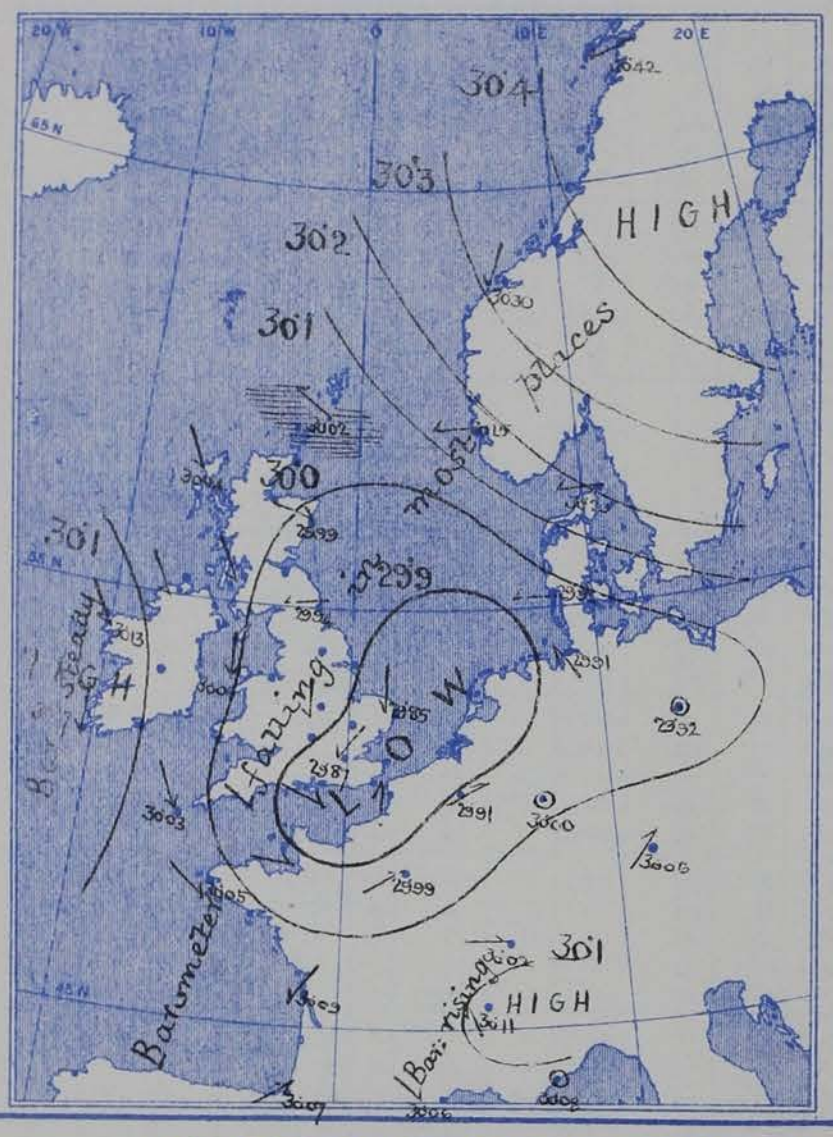
Bright Sunshine yesterday Southport 0.2 hrs; Eastbourne 2.0 hrs.

WEATHER CHARTS

FOR Tuesday, 1st September, 1896.

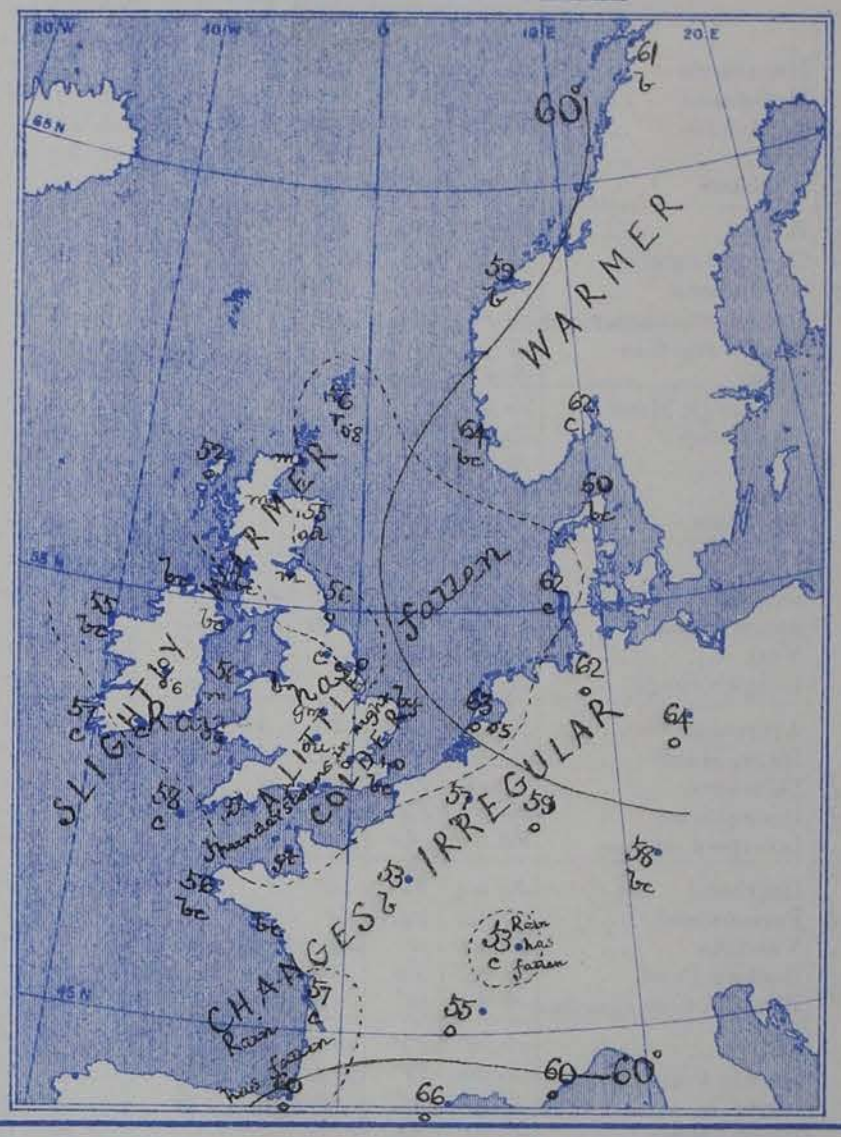
BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.
Force above 10 ; *Force 5 to 7* ; *Force 8 to 10* ; *Force 1 to 4* ; Calm ⊙
SEA—Rough ; *High*



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.
RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF SEPTEMBER.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of: Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Absolute Extremes: Maximum.	Years.	Minimum.	Years.	RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95. Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29 · 793	50 · 8	42 · 1	55 · 0	46 · 1	68	1880	34	1887, 88	3 · 38	—	—
Stornoway	29 · 814	51 · 5	50 · 2	56 · 5	45 · 8	69	1895	32	1871, 75, 85	4 · 09	103 · 3	27
Wick	29 · 831	52 · 0	50 · 1	57 · 8	45 · 7	74	1884, 91	29	1885, 87	2 · 51	—	—
Nairn	29 · 843	51 · 5	49 · 1	59 · 5	46 · 2	77	1895	25	1892	2 · 48	—	—
Aberdeen	29 · 863	52 · 3	49 · 8	59 · 3	46 · 6	79	1891	30	1887	2 · 89	124 · 2	33
Leith	29 · 887	53 · 3	50 · 8	62 · 0	47 · 5	81	1873, 91	33	1886	2 · 19	—	—
Shields	29 · 910	53 · 2	51 · 0	60 · 1	48 · 2	79	1895	34	1885, 89, 93	2 · 30	—	—
Spurn Head	29 · 947	55 · 6	53 · 8	60 · 7	52 · 5	75*	1895	38*	1892	1 · 83	—	—
York	29 · 896	52 · 9	51 · 0	63 · 2	47 · 5	83	1895	30	1885	2 · 45	118 · 4	32
Loughborough	29 · 971	53 · 6	51 · 9	65 · 4	47 · 6	86*	1891, 95	30*	1885, 94	2 · 50	—	—
Ardrossan	29 · 892	53 · 7	51 · 6	59 · 7	49 · 4	78	1880	32	1885	3 · 38	—	—
Donaghadee	29 · 916	53 · 6	52 · 4	60 · 0	49 · 4	71	1893	36	1882, 94	2 · 74	—	—
Holyhead	29 · 941	55 · 8	53 · 6	60 · 8	52 · 5	78	1880	43	1873, 85	3 · 10	—	—
Liverpool	29 · 947	54 · 7	52 · 0	61 · 5	50 · 9	82	1880	39	1885	3 · 17	—	—
Parsonstown	29 · 948	52 · 8	50 · 9	61 · 7	47 · 2	79	1880	31	1877, 93	2 · 92	124 · 7	33
Valencia	29 · 961	56 · 4	54 · 1	61 · 8	51 · 3	78	1895	38	1872, 93	4 · 38	130 · 4	35
Roche's Point	29 · 963	55 · 6	53 · 4	61 · 7	51 · 0	74	1880	39	1893	3 · 74	—	—
Pembroke	29 · 962	56 · 2	54 · 0	60 · 3	53 · 1	74	1895	40	1885	3 · 32	146 · 5	39
Scilly	29 · 982	58 · 5	56 · 4	62 · 0	54 · 8	72	1880, 93, 95	44	1885, 88	3 · 28	—	—
Prawle Point	30 · 004	57 · 2	55 · 3	62 · 5	52 · 3	76*	1889	36*	1885	2 · 41	—	—
Jersey	30 · 003	60 · 2	57 · 2	65 · 8	54 · 9	86	1895	41	1891	2 · 96	183 · 4	49
Hurst Castle	30 · 002	57 · 3	55 · 7	64 · 6	52 · 3	77	1895	35	1885	2 · 76	—	—
Dover	29 · 981	57 · 9	55 · 5	63 · 7	53 · 2	77	1880	32	1885	2 · 53	—	—
LONDON	29 · 991	55 · 8	53 · 4	66 · 5	49 · 6	87	1880	30	1877	2 · 17	111 · 5†	30†
Oxford	29 · 985	53 · 9	52 · 0	64 · 3	48 · 8	83	1880, 95	33	1885	2 · 43	141 · 0	38
Cambridge	29 · 979	54 · 6	52 · 9	66 · 0	47 · 9	88	1880	31	1885	2 · 13	144 · 2	39
Yarmouth	29 · 959	56 · 4	54 · 4	62 · 3	51 · 3	78	1880	33	1885	2 · 64	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest (1) 30.4 ins. and more to 30.1 ins. over Scandinavia, (2) 30.1 ins. and more over Ireland and the adjacent parts of the Atlantic.
Lowest 29.9 ins. and less in a complex depression, covering the E^rn half of the English Channel, the SE. of England and the southern parts of the North Sea.
Gradients slight – mainly favourable for N^ly winds over our Islands and for SE^ly to E^ly winds on the E^rn shores of the North Sea. Barometer risen in the W. and N., but unsteady generally this morning.

TEMPERATURE

Highest 60° to 66° in the south of France, 64° at Berlin, 60° at the N. Foreland, 64° at Skudesnaes, 61° at Bodo.
Lowest 52° at Stornoway, 53° at Parsonstown, 55° at Aberdeen, Malin H^d and Belmullet.
The thermometer rose to 71° in the screen at Cambridge yesterday, but did not touch 70° at any of our other stations. At Berlin the maximum was 75°, at Paris 79° and at Perpignan 80°.

WIND

Light to moderate, and mainly N^ly to NW^ly over our Islands, W^ly on the French side of the Channel; but E^ly on the eastern shores of the North Sea.

WEATHER

Fine over Scandinavia, and also at the Irish stations generally; cloudy and changeable elsewhere, with thunder or lightning (or both) at Prawle Pt., Jersey and Havre.
Thunder showers have occurred in many places; at the N. Foreland the fall was nearly an inch, at Parsonstown 0.6 in. Bright Sunshine recorded yesterday was more than 9 hrs on our southwestern coasts, 7 hrs at Stornoway, but only 2 hrs. at Eastbourne and Cambridge, none in London.

SEA

Moderate in the extreme W. and NW., smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Changeable weather is still probable over England.

FORECASTS

For the 24 hours ending at NOON on 2nd SEPT. 1896.

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	NW^ly breezes, light; fair.
1 SCOTLAND EAST 2 ENGLAND N.E.	N^ly breezes, light and variable; some showers.
3 ENGLAND EAST 4 MIDLAND COUNTIES 5 ENGLAND SOUTH	Varying N^ly (N to NW) airs; changeable, some rain occasionally.
6 SCOTLAND WEST 7 ENGLAND N.W. 8 ENGLAND S.W. 9 IRELAND NORTH 10 IRELAND SOUTH	NW^ly to N^ly breezes, fair as a whole.
WARNINGS	None issued.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	30.18	65	59	E	2	o	3
Sumburgh Head	30.08	58	57	SE	4	c	6
Stornoway	29.94	58	55	S	4	c	4
Aberdeen	30.02	58	57	ESE	2	om	2
Shields	29.96	60	58	NE	2	c	2
Ardrossan	29.97	60	58	N	1	b	1
Malin Head ...	29.97	59	57	W	3	c	2
Belmullet	30.06	55	52	NNW	2	o	*
Holyhead	29.98	57	55	N	3	cp	2

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	30.09	58	54	NW	4	bc	5
Scilly	30.02	61	57	NNW	4	bc	3
Jersey	29.96	62	58	WNW	4	c	3
Hurst Castle ...	29.91	69	61	SW	2	c	1
Dungeness ...	29.89	66	63	WSW	2	c	1
North Foreland	29.91	68	63	SE	2	bc	2
London (Westminster)	29.90	64	59	SW	1	op	*
Yarmouth ...	29.92	66	63	ESE	2	b	2
Rochefort ...	30.04	66	62	NW	5	b	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning fine and bright over Scandinavia and Russia, as well as over SE. Europe the Mediterranean and many parts of France; very variable over the United Kingdom, and unsettled, but temporarily clear at a few stations. Thunderstorms occurring later in many parts of England, Ireland and the N. of France – the amounts of rainfall being 0.96 in. at the N. Foreland, 0.61 ins. at Parsonstown, 0.47 in. at the Helder, and 0.77 in. at Sumburgh Hd.

Temperature in morning highest 77° at Brindisi, 75° at Patras, Athens and Constantinople, and exceeding 70° at several other stations on the S. and W. shores of the Mediterranean; 63° at Rochefort and Cape Gris Nez, as well as at the Helder, Breslau and Memel. Lowest 52° at Parsonstown, 53° at Malin Hd; 55° at Holyhead, Stornoway and Wick. Rising later to above 60° in most parts of our Islands, to 69° in the S. of England, 71° at Cambridge, 75° at Berlin, 79° at Paris, and 88° at Perpignan.

Wind moderate in force from the E. over the N. half of Europe, and from SE. and S. in the N. of Scotland; W., however, in the N. of Ireland, NW. on our W. and SW. coasts and over Brittany. Very light and variable over the whole of central and S. Europe, as well as over the SE. half of England; no decided change later.

Barometer highest (1) 30.5 ins. and more over Finland, and exceeding 30.2 ins over the whole of N. Europe (2) exceeding 30.0 ins. off our SW. coasts, and over the whole of SW. Europe. Lowest below 29.9 ins. off the NW. of our Islands, and in a depression lying over the SE of England and NE. of France. Slight local irregularities observed over S. Europe and Asia Minor also. Rising at our NW. stations later, changing little and irregularly elsewhere.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

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DAILY WEATHER REPORT

for 8 a.m. on Wednesday, 23 September, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	30·51	50	2	0	b	30·39	-·14	56	54	+ 6	S	2	o	*	b	*	64	39	-
	Hernösand ...	30·48	57	2	0	o	30·41	-·10	57	55	- 2	2	0	f	*	o	*	66	54	-
	Stockholm ...	30·37	59	SE	4	b	30·28	-·15	62	57	0	ESE	4	b	*	b	*	66	54	-
	Wisby	30·24	62	SE	6	b	30·17	-·12	61	57	- 2	SE	6	c	*	b	*	70	55	-
	Karlstad ...	30·30	62	E	4	b	30·22	-·17	58	54	0	NE	4	b	*	b	*	*	*	-
	Bodö	30·32	61	2	0	b	30·28	-·14	62	55	+ 1	E	2	b	1	b	*	72	55	-
	Christiansund ...	30·17	63	NE	1	b	30·15	-·15	64	56	+ 5	SE	4	b	1	b	*	72	59	-
	Skudesnaes ...	30·08	61	E	2	o	30·04	-·11	65	61	+ 1	ENE	4	c	2	b, o	*	75	57	*
	Færder (Christiania Fjord)	30·22	66	NE	2	bc	30·18	-·16	60	58	+ 1	NNE	2	b	1	bc	*	66	59	-
	Skagen (The Scaw)	30·14	64	ENE	3	bc	30·04	-·16	60	55	0	E	6	b	2	bc	*	68	57	0·04
	Fanö	29·89	64	ENE	6	c	29·82	-·14	63	61	+ 1	ENE	4	r	*	c	*	72	62	-
	Sumburgh Head	30·04	56	ESE	2	r	29·98	-·04	57	56	+ 1	ESE	2	r	4	o, r	*	57	54	0·11
	Stornoway ...	30·02	56	WSW	2	o	29·97	-·07	54	54	+ 2	N	2	r	2	c, o	3·9	61	50	-
	Wick	30·00	56	S	1	f	29·96	-·07	56	56	0	2	0	df	1	f	*	56	54	0·10
	Nairn	29·99	58	2	0	r	29·92	-·10	56	56	- 1	2	0	d	1	r	*	61	54	0·17
	Aberdeen ...	29·97	56	NW	3	o	29·89	-·10	57	57	+ 2	NE	2	ogr	3	oggr	0·0	57	55	0·44
BRITISH ISLANDS.	Leith	29·94	58	2	0	r	29·83	-·15	58	58	+ 2	2	0	rm	*	r	*	67	55	0·60
	Shields	29·88	58	NW	2	0	29·78	-·16	58	57	+ 2	N	2	o	2	r, o	*	58	55	0·04
	Spurn Head ...	29·88	57	N	4	og	29·80	-·09	59	58	+ 1	SSE	1	gpd	4	og	*	59	57	-
	York	29·90	59	N	1	or	29·80	-·14	59	58	+ 2	2	0	o	*	o, r	?0·0	60	55	0·02
	Loughborough ...	29·90	60	NNW	1	o	29·83	-·10	57	56	+ 1	NNW	1	ogm	*	gm, c, op	*	64	56	0·01
	Ardrossan ...	29·93	60	NW	3	cm	29·85	-·15	57	57	- 1	NNW	2	odm	1	bcm, cm	*	63	56	-
	Malin Head ...	30·03	55	NNW	4	c	29·92	-·13	55	52	0	NNW	4	o	2	bc, c	*	57	53	-
	Belmullet ...	30·12	55	NNW	3	o	29·99	-·14	53	52	- 2	NNW	2	o	*	c, o	*	59	51	-
	Donaghadee ...	30·00	57	NW	6	b	29·89	-·14	56	55	- 1	NW	5	o	3	b	*	63	51	-
	Liverpool (Bidston)	29·95	59	NNW	3	o	29·88	-·12	57	56	- 2	NNW	4	o	4	c, o	*	63	56	0·02
	Holyhead ...	29·99	57	N	5	cm	29·87	-·13	55	54	- 1	NW	4	ogd	3	c, cm	*	59	54	-
	Parsonstown ...	30·07	58	2	0	b	29·97	-·14	53	51	0	W	1	o	*	o, b	3·9	61	51	-
	Valencia ...	30·13	56	NNW	2	c	29·99	-·18	50	48	- 7	NE	1	o	2	o, c	1·4	59	49	-
	Roche's Point ..	30·08	60	NNW	3	b	29·97	-·14	53	50	- 3	NNW	2	bc	2	b	*	62	49	-
	Pembroke (St. Ann's Hd.)	29·98	57	NNE	4	o	29·89	-·11	56	53	0	N	3	bc	3	o	0·0	59	53	-
	Scilly	30·05	59	NNW	4	c	29·95	-·08	59	55	+ 1	NW	3	c	2	b, c	9·4	60	54	-
	Prawle Point ...	29·93	58	NW	4	c	29·88	-·07	60	56	+ 6	NNW	3	bc	2	p, cl	*	61	53	0·03
	Jersey (St. Aubin's)	29·89	60	NW	3	ogm	29·87	-·08	59	58	0	NNW	3	ogm	3	ot, orl	*	62	57	1·13
	Hurst Castle ...	29·86	60	N	2	[illegible]	29·83	-·06	58	56	+ 2	NW	3	ou	2	blr, o	*	61	55	1·13
	Dungeness ...	29·85	60	NSW	3	bc	29·81	-·02	62	57	+ 3	SSW	1	bc	1	bc	*	66	51	-
	North Foreland	29·88	60	S	2	bc	29·83	-·01	61	57	+ 1	S	2	bcw	2	bc, l	*	66	55	-
	London (Brixton) ...	29·86	60	E	2	or	29·84	-·03	54	54	- 4	S	1	o	*	o, r	0·5	63	52	0·57
	Oxford	29·89	58	N	2	r	29·84	-·05	55	54	- 1	NNW	3	og	*	or	*	62	55	0·21
	Cambridge ...	29·88	58	N	1	r	29·83	-·07	57	57	+ 1	2	0	r	*	or	0·0	61	55	0·64
	Yarmouth ...	29·86	62	2	0	c	29·82	-·03	60	54	+ 1	SW	2	b	2	cm, c	*	63	55	0·01
GERMANY & HOLLAND.	Cuxhaven ...	29·84	65	ESE	2	o	29·81	-·10	60	60	- 2	W	3	r	*	o	*	66	59	0·79
	Berlin	29·90	64	SE	3	o	29·91	-·01	62	59	- 2	SW	2	c	*	o	*	72	59	0·16
	Wiesbaden ...	*	*	*	*	*	29·98	-·02	55	53	- 4	SW	1	o	*	*	*	70	54	-
	Munich... ..	30·04	58	SW	3	r	30·04	-·02	52	52	- 6	2	0	r	*	r	*	70	52	0·63
	The Helder ...	29·87	62	WSW	2	o	29·84	-·02	61	58	- 2	SSW	2	bc	1	o	*	66	55	-
BELGIUM.	Brussels ...	*	*	*	*	*	29·90	-·01	56	51	- 1	SE	2	b	*	o	*	67	47	-
	Cape Gris Nez...	29·85	59	SW	2	c	29·82	-·04	54	52	- 5	S	1	bc	1	c	*	64	50	-
	Paris	29·89	60	WSW	2	bc	29·84	-·15	52	51	- 1	SE	2	r	*	bc	*	68	51	0·16
	Brest	30·02	58	NNW	4	bc	29·98	-·07	57	55	+ 1	NW	3	c	2	bc	*	63	52	-
	Lorient... ...	29·92	63	SW	3	bc	29·97	-·09	56	54	+ 2	NW	4	bc	2	bc	*	63	50	-
FRANCE &	Rochefort ...	30·04	62	NW	4	bc	30·02	-·07	60	59	+ 3	NNW	4	bc	*	bc	*	68	57	-
	Belfort	29·99	54	SSW	4	c	30·00	-·02	47	46	- 6	2	0	r	*	c	*	64	45	-
	Lyons	30·05	54	S	1	bc	30·01	-·10	53	50	- 2	ESE	1	m	*	bc	*	63	47	0·04
	Nice	30·01	64	2	0	c	29·95	-·13	61	59	+ 1	E	1	c	0	c	*	73	59	-
	Perpignan ...	30·05	64	W	2	0	30·06	·00	61	56	- 5	W	2	o	*	o	*	70	58	-
	Biarritz ...	30·06	60	W	3	r	30·02	-·05	58	55	- 2	S	3	r	2	r	*	66	57	0·20
PENINSULA.	Corunna ...																*			
	Lisbon	29·97	61	N	6	b	29·94	-·09	65	56	+ 4	NNE	4	b	*	b	*	73	59	-
	Azores (P. Delgada)	30·29	72	2	0	b	30·21	-·08	71	68	+ 1	2	0	b	2	b	*	79	66	-

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

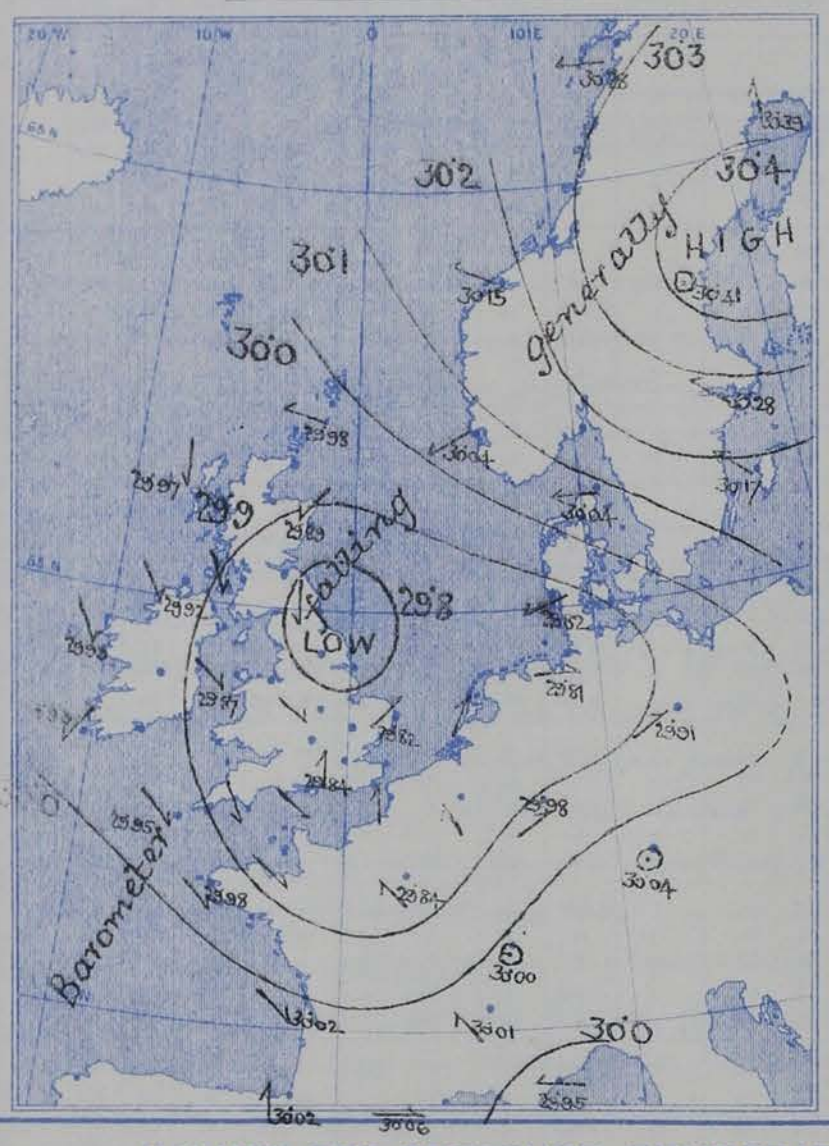
Bright Sunshine yesterday Southport 7·2 hrs; Eastbourne 9·6 hrs. Hastings (St. Leonards) 7·6 hrs.

WEATHER CHARTS

FOR Wednesday 2nd September, 1896.

BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.
Force above 10 ⟶⟶ ; *Force 5 to 7* ⟶ ; *Force 8 to 10* ⟶ ; *Force 1 to 4* ⟶ ; Calm ⊙
SEA—Rough ▒ : *High* ▓



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.
RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.

VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF SEPTEMBER.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Absolute Extremes. Maximum.	Years.	Minimum.	Years.	RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95. Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29·793	50·8	49·1	55·0	46·1	68	1880	34	1887, 88	3·38	—	—
Stornoway	29·814	51·5	50·2	56·5	45·8	69	1895	32	1871, 75, 85	4·09	103·3	27
Wick	29·831	52·0	50·1	57·8	45·7	74	1884, 91	29	1885, 87	2·51	—	—
Nairn	29·843	51·5	49·1	59·5	46·2	77	1895	25	1892	2·48	—	—
Aberdeen	29·863	52·3	49·8	59·3	46·6	79	1891	30	1887	2·89	124·2	33
Leith	29·887	53·3	50·8	62·0	47·5	81	1873, 91	33	1886	2·19	—	—
Shields	29·910	53·2	51·0	60·1	48·2	79	1895	34	1885, 89, 93	2·30	—	—
Spurn Head	29·947	55·6	53·8	60·7	52·5	75*	1895	38*	1892	1·83	—	—
York	29·896	52·9	51·0	63·2	47·5	83	1895	30	1885	2·45	118·4	32
Loughborough	29·971	53·6	51·9	65·4	47·6	86*	1891, 95	30*	1885, 94	2·50	—	—
Ardrossan	29·892	53·7	51·6	59·7	49·4	78	1880	32	1885	3·38	—	—
Donaghadee	29·916	53·6	52·4	60·0	49·4	71	1893	36	1882, 94	2·74	—	—
Holyhead	29·941	55·8	53·6	60·8	52·5	78	1880	43	1873, 85	3·10	—	—
Liverpool	29·947	54·7	52·0	61·5	50·9	82	1880	39	1885	3·17	—	—
Parsonstown	29·948	52·8	50·9	61·7	47·2	79	1880	31	1877, 93	2·92	124·7	33
Valencia	29·961	56·4	54·1	61·8	51·3	78	1895	38	1872, 93	4·38	130·4	35
Roche's Point	29·963	55·6	53·4	61·7	51·0	74	1880	39	1893	3·74	—	—
Pembroke	29·962	56·2	54·0	60·3	53·1	74	1895	40	1885	3·32	146·5	39
Scilly	29·982	58·5	56·4	62·0	54·8	72	1880, 93, 95	44	1885, 88	3·28	—	—
Prawle Point	30·004	57·2	55·3	62·5	52·3	76*	1889	36*	1885	2·41	—	—
Jersey	30·003	60·2	57·2	65·8	54·9	86	1895	41	1891	2·96	183·4	49
Hurst Castle	30·002	57·3	55·7	64·6	52·3	77	1895	35	1885	2·76	—	—
Dover	29·981	57·9	55·5	63·7	53·2	77	1880	32	1885	2·53	—	—
LONDON	29·991	55·8	53·4	66·5	49·6	87	1880	30	1877	2·17	111·5†	30†
Oxford	29·985	53·9	52·0	64·3	48·8	83	1880, 95	33	1885	2·43	141·0	38
Cambridge	29·979	54·6	52·9	66·0	47·9	88	1880	31	1885	2·13	144·2	39
Yarmouth	29·059	56·4	54·4	62·3	51·3	78	1880	33	1885	2·64	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE — Highest 30.4 ins. and more over the Gulf of Bothnia, and exceeding 30.1 ins. over nearly the whole of Scandinavia. Lowest 29.8 ins. and less over the N.E. of England and the adjacent parts of the North Sea. Gradients slight, but variable; Distribution over our Islands was cyclonic, but over Scandinavia anticyclonic.

Barometer falling generally — most in the west.

TEMPERATURE — Highest (1) 61° to 58° in the southwest and south of France; (2) 65° to 60° on the Norwegian coast and the eastern shores of the North Sea.

Lowest (1) 50° to 53° in the west and south of Ireland, 54° at Stornoway and York; (2) 47° at Belfort, 52° at Munich and Paris, 53° at Lyons.

Its general tendency is to decrease over our Islands generally.

WIND — (1) NW.ly, light to moderate over the W.rn and SW.rn parts of our Islands and the N. and W. of France.
(2) Very light and variable from the S.wd over our SE.rn and E.rn counties, SW.ly, light over Germany.
(3) Moderate to strong from E. over Scandinavia and Denmark.

WEATHER — Very fine over Scandinavia; very changeable and unsettled over the British Islands and France; fine over the Bay of Biscay.

Heavy rains have fallen over our S.rn and SE.rn counties and also on our NE. coasts and at Cuxhaven; thunderstorms have occurred in the S. The falls varied greatly in many localities.

Bright Sunshine recorded yesterday was — Aberdeen, Pembroke, York and Cambridge, none. London 0.5 hrs. but Southport 1.2 hrs., Hastings 7.6 hrs., and Eastbourne 9.6 hrs.

SEA — Moderate in the extreme northwest, slight or smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Unsettled rainy weather is still probable in most places.

FORECASTS

For the 24 hours ending at NOON on 3rd Sept.r 1896.

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH 1 SCOTLAND EAST 2 ENGLAND N.E.	Varying and NE.ly airs, dull, some rain at times.
3 ENGLAND EAST 4 MIDLAND COUNTIES 5 ENGLAND SOUTH	Variable and N.ly airs, dull, close, rain at times, thunder in places.
6 SCOTLAND WEST 7 ENGLAND N.W. 8 ENGLAND S.W.	NW.ly and N.ly breezes, rain at times.
9 IRELAND NORTH 10 IRELAND SOUTH	N.ly and NE.ly winds, rainy, unsettled
WARNINGS	None issued.

Note.—The **South Cone**, *point downwards* ( ), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* ( ), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	30.12	75	66	E	2	b	2
Sumburgh Head	30.04	57	56	ENE	3	o	5
Stornoway	30.04	61	58	N	2	o	2
Aberdeen	29.98	56	55	NW	4	qtqq	4
Shields	29.91	58	57	N	3	o	3
Ardrossan	29.96	60	57	SSW	4	bc	3
Malin Head ...	30.06	57	54	NNW	3	bc	2
Belmullet	30.14	57	57	NNE	1	c	*
Holyhead	30.00	58	56	N	5	c	4

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	30.16	58	53	NNW	3	c	4
Scilly	30.05	60	55	NNW	5	c	3
Jersey	29.91	58	56	NNW	4	o	3
Hurst Castle ...	29.85	60	59	ENE	3	bc	2
Dungeness ...	29.85	63	59	WSW	4	bc	2
North Foreland	29.89	64	59	S	4	bc	2
London (Westminster)	29.86	61	58	NE	2	op	*
Yarmouth ...	29.86	63	60	N	3	cm	2
Rochefort ...	30.09	63	60	NW	4	c	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning fine and bright over Russia and the greater part of Scandinavia, as well as at many stations in SW.m, S.m and SE.n Europe; cloudy and very unsettled over the British Islands and their neighbourhood, with rain in places; much rain later over the NE.n, E.n and S.n parts of our Islands; thunderstorms in several localities.

Temperature in morning 82° at Tunis, and exceeding 70° at most of the stations on the S.n shores of the Mediterranean, at Athens and Constantinople; 68° at Trieste and Cracow, 66° at Gurnemadi, 62° at Stockholm. Lowest (1) 50° at Haparanda, 51° at Archangel, 53° at St. Petersburg, (2) 52° at Stornoway, 53° at Parsonstown, 54° at Prawle Pt. (3) 53° at Paris and Belfort, 55° at Lyons. Rising later to 64° at Loughborough, 66° on our SE. coasts, 68° at Paris, 72° at Berlin, and 73° at Nice.

Wind (1) N. to NW. in direction, light to moderate in force over the British Islands, W. at Jersey and Havre, SW. at Paris and Brussels; but SE. to E. over the countries lying to the E. of the North Sea, and blowing a gale at Wisby; (2) very light and variable over S.n and SE.n Europe generally. Small cyclonic systems prevailing off our S. and E. coasts during the day, little change elsewhere.

Barometer highest (1) 30.63 ins. at Kuopio, and ranging between 30.5 in. and 30.1 in. over the whole of N.n Europe and Russia, (2) 30.1 ins. and more over the W. of Ireland, the S. of France and Switzerland. Lowest (1) 29.9 ins. and less in a complex depression covering the Netherlands the E. and SE. of England and the adjoining parts of the Channel (2) also in another depression over Algeria. Little change later.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

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DAILY WEATHER REPORT

for 8 a.m. on Thursday, 3rd September, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	30.21	56	SW	0	b	30.03	-.36	56	53	0	W	2	b	*	b	*	63	43	-
	Hernösand ...	30.28	51	SW	0	bc	30.16	-.25	54	54	-3	SW	0	f	*	bc	*	66	50	-
	Stockholm ...	30.19	62	SE	4	0	30.09	-.19	61	59	-1	E	2	0	*	0	*	66	57	0.08
	Wisby	30.13	62	SE	4	0	30.04	-.13	62	60	+1	SE	4	bc	*	0	*	66	55	-
	Karlstad ...	30.11	62	E	4	0	30.05	-.17	60	58	+2	ESE	2	0	*	0	*	*	*	-
	Bodö	30.13	61	SW	0	0	30.03	-.25	58	54	-4	E	2	b	1	b	*	72	52	-
	Christiansund ...	30.06	60	SW	0	b	30.01	-.14	59	54	-5	NNW	1	b	1	b	*	68	54	-
	Skudesnaes ...	29.99	65	E	5	0	29.97	-.07	60	58	-5	SSE	6	b	3	0	*	73	54	*
	Færder (Christiania Fjord)	30.06	61	NNE	4	bc	30.10	-.08	61	60	+1	ENE	2	0	1	bc	*	66	60	0.12
	Skagen (The Scaw)	29.95	62	SE	5	r	29.94	-.10	61	59	+1	E	3	m	0	r	*	64	59	0.12
	Fanö	29.88	59	S	1	c	29.86	+.04	55	54	-8	NW	2	r	*	c,r	*	68	55	0.63
BRITISH ISLANDS.	Sumburgh Head	29.96	57	ENE	2	c	†29.89	-.06	59	57	+2	NE	3	c	4	o,c	*	59	54	0.02
	Stornoway ...	29.87	57	NE	4	of	29.89	-.08	57	57	+3	SE	2	o	2	om,of	0.0	57	52	-
	Wick	29.92	56	ESE	3	f	29.88	-.08	59	57	+3	SE	3	bc	3	f	*	59	52	0.10
	Nairn	29.85	59	E	1	m	29.86	-.06	57	57	+1	E	1	c	1	dm	*	59	54	0.09
	Aberdeen ...	29.87	56	NE	4	odfq	29.80	-.09	58	56	+1	NNW	3	0	3	ofd	0.0	58	55	0.07
	Leith	29.78	57	E	2	r	29.78	-.05	57	57	-1	N	1	om	*	r	*	58	55	0.35
	Shields	29.75	58	NNE	1	0	29.76	-.02	59	58	+1	NNE	3	c	3	p,o	*	62	55	0.07
	Spurn Head ...	29.75	60	S	3	0	29.75	-.05	57	57	-2	WSW	3	r	4	om,r	*	61	56	0.26
	York	29.75	64	SSE	1	0	29.75	-.05	58	57	-1	NNW	1	c	*	or	0.0	66	56	0.24
	Loughborough ...	29.79	59	W	2	0	29.82	-.01	55	54	-2	WSW	2	ogmw	*	ogm	*	62	55	-
	Ardrossan ...	29.75	61	NNE	2	om	29.77	-.08	61	61	+4	ENE	2	cm	1	om	*	63	56	0.22
	Malin Head ...	29.81	56	NNW	4	0	29.76	-.16	57	57	+2	ESE	4	orm	2	o,d,o	*	57	55	0.08
	Belmullet ...	29.88	56	NNE	2	c	29.78	-.21	55	53	+2	NNE	1	0	*	o,c	*	59	52	0.02
	Donaghadee ...	29.78	57	NW	3	d	29.77	-.12	57	57	+1	E	2	f	0	d	*	58	55	0.29
	Liverpool (Bidston)	29.78	?57	W	4	0	29.81	-.02	56	55	-1	WSW	2	r	3	cp	*	57	54	0.18
	Holyhead ...	29.81	57	W	3	ogm	29.81	-.06	57	56	+2	WSW	2	c	1	gmd,m	*	57	54	0.03
	Parsonstown ...	29.85	58	SW	0	0	29.80	-.17	53	50	0	SW	0	b	*	0	0.4	60	40	-
	Valencia ...	29.85	58	S	1	c	29.71	-.28	60	57	+10	E	3	0	4	c	4.0	60	48	-
	Roche's Point ..	29.89	59	SW	3	bc	29.77	-.20	58	56	+5	SSE	4	0	3	bc	*	62	46	-
	Pembroke (St. Ann's Hd.)	29.86	58	NW	3	bc	29.83	-.06	59	55	+3	S	3	b	3	bc	6.6	59	55	-
	Scilly	29.89	59	ENE	1	c	29.78	-.17	60	59	+1	SSE	4	opm	3	c	4.6	63	54	-
	Prawle Point ...	29.88	57	NNW	2	0	29.86	-.02	58	56	-2	SSW	4	c	3	c,c	*	66	50	-
	Jersey (St. Aubin's)	29.80	60	NNW	4	bcm	29.92	+.05	62	57	+3	SSE	3	cq	3	c,gm	*	64	55	-
	Hurst Castle ...	29.83	59	SW	1	cm	29.89	+.06	59	54	+1	WSW	1	c	1	om	*	59	54	0.09
	Dungeness ...	29.80	60	W	3	bc	29.87	+.06	59	54	-3	W	4	c	3	bc	*	66	55	-
	North Foreland	29.82	61	S	2	bc	29.87	+.04	57	54	-4	SW	3	c	2	bc	*	64	53	0.02
	London (Brixton) ...	29.82	56	WSW	2	or	29.87	+.03	54	52	0	WSW	2	c	*	or,o	0.1	60	51	0.36
	Oxford	29.82	55	NW	1	0	29.86	+.02	55	51	0	WSW	2	ogp	*	ogp	*	57	52	0.02
	Cambridge ...	29.80	57	SW	1	m	29.84	+.01	56	54	-1	SW	2	o	*	grm	0.0	59	53	0.05
	Yarmouth ...	29.79	61	S	3	b	29.82	-.00	58	56	-2	WSW	2	or	3	b	*	64	55	0.28
GERMANY & HOLLAND.	Cuxhaven ...	29.86	63	SW	0	c	29.83	+.02	54	54	-6	SW	1	bc	*	c,m	*	66	50	-
	Berlin	29.93	60	SW	3	r	29.93	+.02	57	55	-5	SSW	3	b	*	r	*	70	54	0.16
	Wiesbaden ...	*	*	*	*	*	29.96	-.02	56	54	+1	SW	0	0	*	*	*	64	53	0.16
	Munich... ..	30.05	52	SE	4	c	30.10	+.06	51	49	-1	SW	2	0	*	c	*	57	43	0.20
	The Helder ...	29.78	60	SSE	1	b	29.84	-.00	59	57	-2	SSW	1	b	1	b	*	66	51	-
BELGIUM.	Brussels ...	*	*	*	*	*	29.93	+.03	53	52	-3	SSW	2	c	*	b	*	67	48	0.08
	Cape Gris Nez...	29.82	59	NNW	1	bc	29.85	+.03	58	53	+4	NNW	4	0	3	bc	*	63	52	0.04
	Paris	29.82	60	NW	3	c	30.00	+.16	53	52	+1	SSW	1	b	*	c	*	66	48	-
	Brest	29.92	60	SW	2	c	29.91	-.07	58	55	+1	S	4	r	4	c	*	64	54	0.08
	Lorient... ...	29.97	60	NNW	4	bc	29.98	+.01	58	53	+2	SW	2	0	2	bc	*	64	52	-
FRANCE &	Rochefort ...	30.02	64	NW	4	c	30.03	+.01	57	55	-3	SSE	3	0	*	c	*	68	55	-
	Belfort	29.97	50	S	0	0	30.03	+.03	50	?	+3	S	0	f	*	0	*	65	46	0.51
	Lyons ...	29.99	62	NE	1	0	30.05	+.04	54	51	+1	N	1	b	*	0	*	71	49	-
	Nice	29.89	66	WSW	5	b	29.98	+.03	64	54	+3	ENE	1	b	1	b	*	73	55	-
	Perpignan ...	29.99	66	N	1	0	30.03	-.03	59	54	-2	W	2	b	*	0	*	75	53	-
	Biarritz ...	29.97	65	N	2	b	29.94	-.08	58	57	0	ESE	4	b	2	b	*	68	52	-
PENINSULA.	Corunna ...																*			
	Lisbon	29.90	66	NNW	5	b	29.97	+.03	65	58	0	NNE	3	b	*	b	*	81	59	-
	Azores (P. Delgada)	30.15	70	W	2	bc	30.10	-.11	68	67	-3	SW	0	c	2	bc	*	77	66	-

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

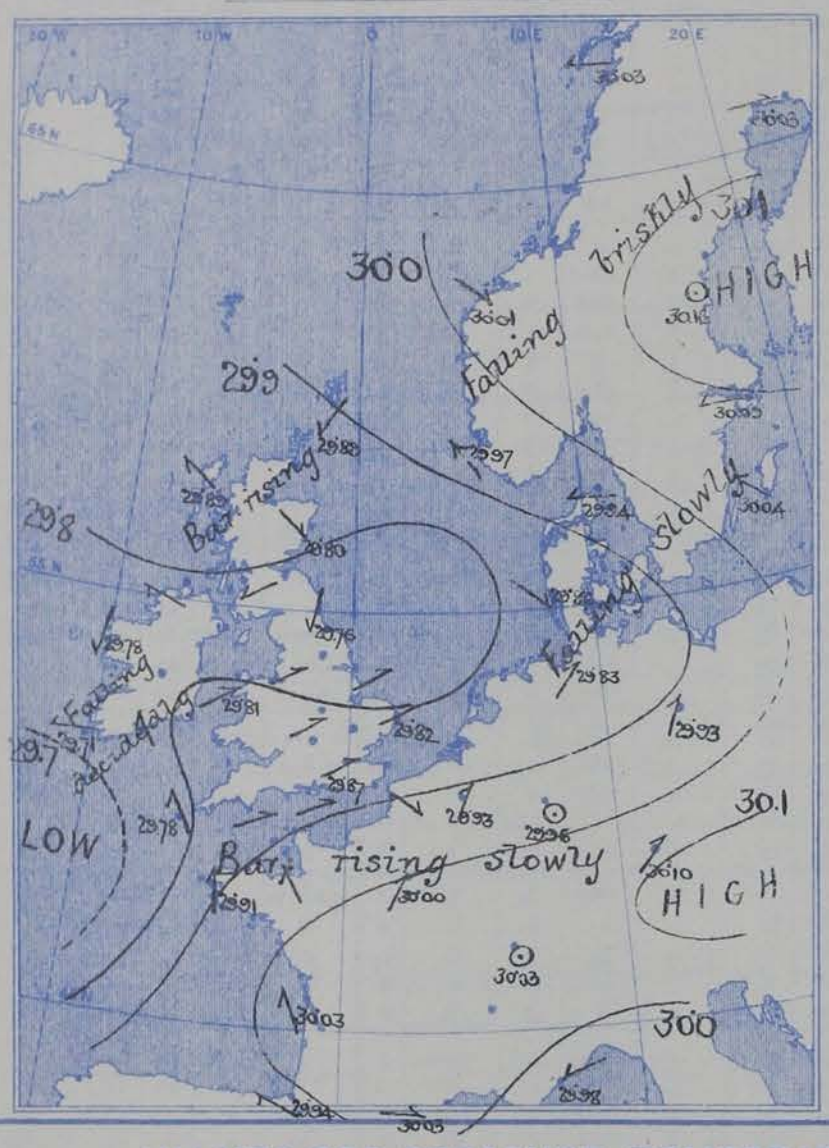
Bright Sunshine yesterday Southport 0.0 hrs; Eastbourne 4.5 hrs. Hastings (St. Leonards) 2.3 hrs.

WEATHER CHARTS

FOR Thursday, 3rd September, 1896.

BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.
Force above 10 ; *Force 5 to 7* ; *Force 8 to 10* ; *Force 1 to 4* ; Calm ⊙
SEA—Rough : *High*



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.
RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.

VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF SEPTEMBER.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of: Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Absolute Extremes: Maximum.	Years.	Minimum.	Years.	RAINFALL Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95. Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29·793	50·8	49·1	55·0	46·1	68	1880	34	1887, 88	3·38	—	—
Stornoway	29·814	51·5	50·2	56·5	45·8	69	1895	32	1871, 75, 85	4·09	103·3	27
Wick	29·831	52·0	50·1	57·8	45·7	74	1884, 91	29	1885, 87	2·51	—	—
Nairn	29·843	51·5	49·1	59·5	46·2	77	1895	25	1892	2·48	—	—
Aberdeen	29·863	52·3	49·8	59·3	46·6	79	1891	30	1887	2·89	124·2	33
Leith	29·887	53·3	50·8	62·0	47·5	81	1873, 91	33	1886	2·19	—	—
Shields	29·910	53·2	51·0	60·1	48·2	79	1895	34	1885, 89, 93	2·30	—	—
Spurn Head	29·947	55·6	53·8	60·7	52·5	75*	1895	38*	1892	1·83	—	—
York	29·896	52·9	51·0	63·2	47·5	83	1895	30	1885	2·45	118·4	32
Loughborough	29·971	53·6	51·9	65·4	47·6	86*	1891, 95	30*	1885, 94	2·50	—	—
Ardrossan	29·892	53·7	51·6	59·7	49·4	78	1880	32	1885	3·38	—	—
Donaghadee	29·916	53·6	52·4	60·0	49·4	71	1893	36	1882, 94	2·74	—	—
Holyhead	29·941	55·8	53·6	60·8	52·5	78	1880	43	1873, 85	3·10	—	—
Liverpool	29·947	54·7	52·0	61·5	50·9	82	1880	39	1885	3·17	—	—
Parsonstown	29·948	52·8	50·9	61·7	47·2	79	1880	31	1877, 93	2·92	124·7	33
Valencia	29·961	56·4	54·1	61·8	51·3	78	1895	38	1872, 93	4·38	130·4	35
Roche's Point	29·963	55·6	53·4	61·7	51·0	74	1880	39	1893	3·74	—	—
Pembroke	29·962	56·2	54·0	60·3	53·1	74	1895	40	1885	3·32	146·5	39
Scilly	29·982	58·5	56·4	62·0	54·8	72	1880, 93, 95	44	1885, 88	3·28	—	—
Prawle Point	30·004	57·2	55·3	62·5	52·3	76*	1889	36*	1885	2·41	—	—
Jersey	30·003	60·2	57·2	65·8	54·9	86	1895	41	1891	2·96	183·4	49
Hurst Castle	30·002	57·3	55·7	64·6	52·3	77	1895	35	1885	2·76	—	—
Dover	29·981	57·9	55·5	63·7	53·2	77	1880	32	1885	2·53	—	—
LONDON	29·991	55·8	53·4	66·5	49·6	87	1880	30	1877	2·17	111·5†	30†
Oxford	29·985	53·9	52·0	64·3	48·8	83	1880, 95	33	1885	2·43	141·0	38
Cambridge	29·979	54·6	52·9	66·0	47·9	88	1880	31	1885	2·13	144·2	39
Yarmouth	29·959	56·4	54·4	62·3	51·3	78	1880	33	1885	2·64	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.1 ins. and more to 30.0 ins. over the Gulf of Bothnia and the greater part of Scandinavia, as well as over central Europe and the inland parts of France.

Lowest 29.7 ins. and less in a depression lying off the S.W. coast of Ireland, and in a small system over the North Sea.

Gradients becoming rather steep about the mouth of the Channel, but slight elsewhere, & very irregular.

Barometer falling quickly in the S.W., and also in the far N., rising over France and the S.E. of England.

TEMPERATURE

Highest (1) 65° at Lisbon, 64° at Nice, 60° at Scilly and Valencia; (2) 62° at Ulsley, 60° at Karlstad & Skudesnes.

Lowest 50° at Belfort, 51° at Munich, 53° at Paris and Brussels; (2) 53° at Parsonstown, 54° in London, 55° at Loughborough.

It did not rise above 66° at any of our stations yesterday, and in Scotland and the N. of Ireland it did not touch 60°.

WIND

Extremely variable from between S.E. and S.W. at the southern stations, and from between S.E. and N.E. in the north. In force it was light to moderate generally.

WEATHER

Varied greatly in different localities. In some isolated places the sky is clear, in others thickly overcast, and in several places rainy. Over France, Germany and Scandinavia the sky is clear.

Rain has again fallen in the N.W., N. and E., but along our S. and S.W. coasts the weather yesterday was fair. Bright Sunshine recorded yesterday was — Pembroke 6.6 hrs., Valencia (Ireland), Scilly and Eastbourne more than 4 hrs. each, Hastings 2.3 hrs., Cambridge, Spurn Pt., Aberdeen & Stornoway none.

SEA

Moderate at several of the N^ln. and W^n. stations, slight to smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The general distribution of pressure is still of a very complex type and further falls of rain are probable in most places, with thunder in some localities.

FORECASTS

For the 24 hours ending at NOON on 4TH. SEPT^R. 1896.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH 1 SCOTLAND EAST 2 ENGLAND N.E.	SE^ly. to NE^ly. winds, very rainy, colder.	6 SCOTLAND WEST 7 ENGLAND N.W.	Same as No^s. 0 to 2.
3 ENGLAND EAST	Same as No. 5.	8 ENGLAND S.W. 9 IRELAND NORTH 10 IRELAND SOUTH	Varying winds, and very rainy unsettled weather, colder.
4 MIDLAND COUNTIES	Same as No^s. 0 to 2.	WARNINGS	None issued.
5 ENGLAND SOUTH	SW^ly. and S^ly. winds, much rain, muggy, very unsettled.		

Note.—The **South Cone**, *point downwards* ( ), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* ( ), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	30·01	73	65	ENE	4	b	2
Sumburgh Head	29·98	58	58	SE	2	o	4
Stornoway	29·92	56	56	ENE	3	om	3
Aberdeen	29·88	56	56	NE	3	ofd	3
Shields	29·76	62	60	WNW	1	o	3
Ardrossan	29·78	62	61	NNE	2	o	1
Malin Head ...	29·84	56	54	NNW	4	o	2
Belmullet	29·93	58	54	NE	2	o	*
Holyhead	29·83	55	55	W	3	qmd	2

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	29·90	59	52	WSW	1	c	2
Scilly	29·91	62	56	W	2	c	1
Jersey	29·89	62	57	NW	4	c	3
Hurst Castle ...	29·84	58	56	W	0	om	1
Dungeness ...	29·82	64	58	SW	2	bc	1
North Foreland	29·82	63	57	S	2	bc	2
London (Westminster)	29·82	59	56	W	0	op	*
Yarmouth ...	29·82	64	58	SSE	4	b	3
Rochefort ...	30·01	66	63	WNW	5	c	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning fine and bright over the Black Sea, the greater part of Russia and Scandinavia, as well as on the S. and W. coasts of Spain and W. of France; very dull and unsettled over the United Kingdom, with rain in many places. Rain falling later over the NW., N. and E. parts of our Islands, and at many of the Continental stations, but weather remaining fine along the S. and SW. coasts of the United Kingdom, and over Scandinavia.

Temperature not changing much, except over central Europe, where a fall is reported. Morning readings highest 82° at Tunis, and above 70° over SE. Europe, and the S. and W. coasts of the Mediterranean; above 60° on the eastern shores of the North Sea and over the Baltic, as well as over the Norwegian coast. Lowest (1) 51° at Moscow, 53° at Kuopio; (2) 53° at Parsonstown, 54° at York, and in London; (3) 47° at Belfast, 52° at Munich and Paris. Failing to reach 60° at the Scotch stations all day, but exceeding 70° in some parts of Norway, as well as in the S. of France; just touching 70° at Berlin.

Wind mainly E. over N. Europe, but NE. to NW. in the British Islands, and NW. over the Bay of Biscay. Small cyclonic circulations observed over the NE. and E. of England. No decided change later except in the south of Ireland, where the wind shifted to the S.

Barometer highest 30.60 ins. at Kuopio, exceeding 30.1 ins. over N. Europe generally, and exceeding 30.0 ins. over the Bay of Biscay and S. of France. Lowest (1) 29.8 ins. and less than 29.9 ins. in a complex depression lying over the British Islands and their neighbourhood, and in a small system over Algeria; (2) below 30.0 ins. over the Black Sea. Falling in the W. of Ireland later, little change elsewhere.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

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DAILY WEATHER REPORT

for 8 a.m. on Friday, 4th September, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	29.88	52	2	0	bc	29.92	-.11	52	50	- 4	NNE	4	0	*	bc	*	63	52	0.04
	Hernösand ...	30.01	57	2	0	b	29.88	-.28	54	54	0	2	0	f	*	b	*	66	50	-
	Stockholm ...	29.96	60	E	2	0	29.86	-.23	61	59	0	2	0	0	*	0	*	68	57	-
	Wisby	29.95	59	SE	4	b	29.89	-.15	59	58	- 3	SSW	4	c	*	b	*	70	54	-
	Karlstad ...	29.89	63	NE	2	0	29.84	-.21	59	57	- 1	S	2	c	*	o,r	*	*	*	0.47
	Bodö	29.97	56	2	0	c	29.93	-.10	54	50	- 4	N	3	c	2	c	*	59	52	0.24
	Christiansund ...	29.95	57	NNW	1	b	29.93	-.08	57	54	- 2	SSE	2	f	1	b	*	64	55	-
	Skudesnaes ...	29.87	59	NNW	4	c	29.82	-.15	60	57	0	2	0	b	0	c	*	?	?	*
	Færder (Christiania Fjord)	29.87	63	N	2	bc	29.84	-.26	57	56	- 4	NNW	1	0	1	bc	*	63	57	0.43
	Skagen (The Scaw)	29.81	59	E	3	bc	29.81	-.13	58	56	- 3	S	3	c	0	bc	*	64	55	0.16
	Fanö	29.74	54	W	8	r	29.65	-.21	57	56	+ 2	NNW	4	c	*	r	*	59	54	2.33
	Sumburgh Head	29.95	57	?	2	c	?29.94	+.05	55	55	- 4	NE	3	r	3	b,c	*	61	51	-
	Stornoway ...	29.85	59	E	3	b	29.90	+.01	55	55	- 2	NE	3	0	3	o,b	5.6	62	53	-
	Wick	29.89	52	E	1	f	29.95	+.07	53	53	- 6	N	1	f	1	f	*	61	51	0.01
	Nairn	29.81	57	NE	3	m	29.88	+.02	55	55	- 2	E	1	fd	2	dm	*	61	54	0.05
	Aberdeen ...	29.81	55	E	3	qf	29.92	+.12	56	56	- 2	NE	2	om	2	of	0.3	59	54	0.01
BRITISH ISLANDS	Leith	29.76	61	2	0	0	29.88	+.10	57	56	0	E	2	0	*	0	*	68	56	0.06
	Shields	29.79	58	2	0	c	29.88	+.12	57	55	- 2	SE	1	0	2	c	*	62	54	-
	Spurn Head ...	29.80	58	SW	3	0	29.87	+.12	61	58	+ 4	E	1	b	3	og	*	61	54	0.05
	York	29.79	60	W	2	0	29.87	+.12	54	53	- 4	W	1	b	*	0	?0.0	61	48	0.05
	Loughborough ...	29.85	59	ESE	1	c	29.86	+.04	57	57	+ 2	ESE	1	odf	*	dg.cfd	*	60	48	0.04
	Ardrossan ...	29.76	62	SSW	1	rm	29.84	+.07	60	60	- 1	ENE	2	om	1	bcm.rm	*	68	53	0.11
	Malin Head ...	29.75	60	SE	1	bm	29.79	+.03	56	55	- 1	SE	4	om	1	c.bm	*	61	53	-
	Belmullet ...	29.75	59	NE	2	b	29.75	-.03	60	58	+ 5	ESE	2	b	*	b	*	66	53	-
	Donaghadee ...	29.80	57	SW	3	0	29.83	+.06	57	56	0	E	2	0	1	0	*	60	52	0.02
	Liverpool (Bidston)	29.83	56	W	1	c	29.82	+.01	56	56	0	W	2	r	1	r.c	*	58	53	0.24
	Holyhead ...	29.81	58	SSW	2	b	29.79	-.02	59	58	+ 2	E	2	op	1	c,b	*	62	54	0.17
	Parsonstown ...	29.74	59	2	0	r	29.73	-.07	60	59	+ 7	2	0	or	*	b,p.l	7.1	65	51	0.10
	Valencia ...	29.68	61	2	0	0	29.70	-.01	59	58	- 1	WSW	1	f	2	c,om.tlr	1.0	67	57	0.48
	Roche's Point ..	29.73	61	SE	3	f	29.72	-.05	59	59	+ 1	SE	3	r	3	d.f.tlr	*	63	56	0.25
	Pembroke (St. Ann's Hd.)	29.78	59	SSE	4	0	29.73	-.10	61	60	+ 2	SE	2	bc	3	c.0	3.2	61	58	0.10
	Scilly	29.73	62	SSE	4	cf	29.71	-.07	60	60	0	SSE	3	cp	1	f.cl	0.8	65	58	0.06
	Prawle Point ...	29.82	58	S	5	r	29.74	-.12	59	59	+ 1	SW	3	rf	2	rf	*	59	56	0.35
	Jersey (St. Aubin's)	29.90	62	S	5	og	29.83	-.09	61	60	- 1	SSE	5	opm	3	o.r.g	*	64	58	0.52
	Hurst Castle ...	29.89	61	SSW	4	odp	29.83	-.06	59	58	0	S	3	rm	2	c.odp	*	67	53	0.29
	Dungeness ...	29.90	62	SW	4	bc	29.89	+.02	60	59	+ 1	SSW	4	r	3	bc	*	66	58	0.02
	North Foreland	29.92	62	SW	2	c	29.91	+.04	62	59	+ 5	SSE	2	og	2	c	*	66	55	-
	London (Brixton) ...	29.88	61	SW	2	bc	29.88	+.01	60	59	+ 6	S	2	or	*	c.bc.bv	3.2	67	54	0.05
	Oxford	29.88	59	SW	2	c	29.84	-.02	59	58	+ 4	SSE	2	or	*	o.c	*	67	54	0.02
	Cambridge ...	29.87	61	2	0	b	29.88	+.04	59	59	+ 3	S	1	am	*	o,b	1.5	63	51	-
	Yarmouth ...	29.87	58	WSW	2	cq	29.89	+.07	60	59	+ 2	SSW	2	bc	2	r.c.g	*	60	52	0.15
GERMANY & HOLLAND.	Cuxhaven ...	29.82	61	SW	1	0	29.79	-.04	58	58	+ 4	WSW	[illegible]	0	*	o,r	*	64	54	0.12
	Berlin	29.97	57	SW	2	b	30.00	+.07	55	53	- 2	SW	3	c	*	b	*	63	50	-
	Wiesbaden ...	*	*	*	*	*	30.07	+.11	54	53	- 2	2	0	b	*	*	*	64	52	-
	Munich... ..	30.13	55	SE	2	b	30.15	+.05	53	51	+ 2	W	2	b	*	b	*	64	45	0.04
	The Helder ...																*			
BELGIUM.	Brussels ...	*	*	*	*	*	29.99	+.06	60	57	+ 7	SW	1	c	*	bc	*	60	50	0.024
	Cape Gris Nez...																*			
	Paris	30.11	64	S	2	bc	29.98	-.02	57	54	+ 4	SE	1	c	*	bc	*	69	50	-
	Brest	29.80	60	S	4	c	29.78	-.13	60	60	+ 2	SW	3	r	4	c	*	63	57	0.55
	Lorient... ...	29.91	59	WSW	3	c	29.84	-.14	61	61	+ 3	SSW	4	r.	3	c	*	63	54	0.43
FRANCE &	Rochefort ...	29.98	68	NNW	3	c	29.93	-.10	62	60	+ 5	S	2	0	*	c	*	77	57	-
	Belfort	30.01	61	2	0	0	30.05	+.02	54	53	+ 4	2	0	m	*	c	*	67	45	-
	Lyons ...	30.03	64	ESE	1	b	30.05	.00	57	53	+ 3	E	1	b	*	b	*	72	52	-
	Nice	30.03	64	SE	1	b	30.09	+.11	64	57	0	E	1	b	2	b	*	73	57	-
	Perpignan ...	30.02	67	NE	2	b	30.04	+.01	59	59	0	SW	1	0	*	b	*	75	54	-
	Biarritz ...	29.90	76	E	3	c	29.89	-.05	67	64	+ 9	SW	4	c	2	c	*	81	58	-
PENINSULA.	Corunna ...																*			
	Lisbon	30.01	65	N	5	b	30.10	+.13	67	63	+ 2	NNW	3	0	*	b	*	81	64	-
	Azores (P. Delgada)	30.13	74	NNW	4	bc	30.15	+.05	73	69	+ 5	NNW	3	bc	2	bc	*	77	68	-

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

Bright Sunshine yesterday Southport 0.0 hrs; Eastbourne 7.7 hrs., Hastings (St. Leonards) 8.1 hrs.

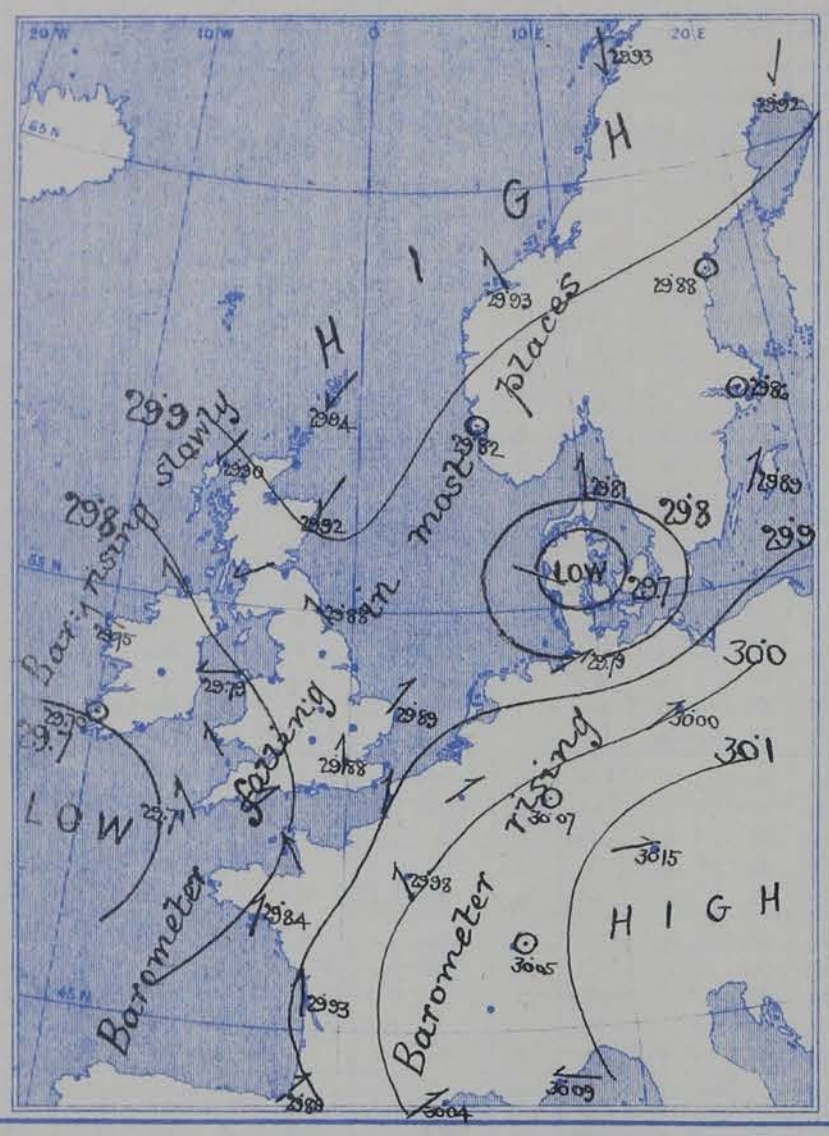
WEATHER CHARTS

FOR *Friday, 4th September, 1896.*

BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.

Force above 10 ➛ : *Force 5 to 7* ⟶ : } Calm ⊙
Force 8 to 10 ➛ : *Force 1 to 4* ⟶ : }
SEA—Rough : *High*



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.
RAINFALL—A dotted line separates areas where rain has fallen from those withou' rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.

VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF SEPTEMBER.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of: Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Absolute Extremes: Maximum.	Years.	Minimum.	Years.	RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95. Hours.	Per cent. of possible.
	(*Inches.*)	°	°	°	°	°		°		(*Inches.*)		
Sumburgh Head	29 · 793	50 · 8	49 · 1	55 · 0	46 · 1	68	1880	34	1887, 88	3 · 38	—	—
Stornoway	29 · 814	51 · 5	50 · 2	56 · 5	45 · 8	69	1895	32	1871, 75, 85	4 · 09	103 · 3	27
Wick	29 · 831	52 · 0	50 · 1	57 · 8	45 · 7	74	1884, 91	29	1885, 87	2 · 51	—	—
Nairn	29 · 843	51 · 5	49 · 1	59 · 5	46 · 2	77	1895	25	1892	2 · 48	—	—
Aberdeen	29 · 863	52 · 3	49 · 8	59 · 3	46 · 6	79	1891	30	1887	2 · 89	124 · 2	33
Leith	29 · 887	53 · 3	50 · 8	62 · 0	47 · 5	81	1873, 91	33	1886	2 · 19	—	—
Shields	29 · 910	53 · 2	51 · 0	60 · 1	48 · 2	79	1895	34	1885, 89, 93	2 · 30	—	—
Spurn Head	29 947	55 · 6	53 · 8	60 · 7	52 · 5	75*	1895	38*	1892	1 · 83	—	—
York	29 · 896	52 · 9	51 · 0	63 · 2	47 · 5	83	1895	30	1885	2 · 45	118 · 4	32
Loughborough	29 · 971	53 · 6	51 · 9	65 · 4	47 · 6	86*	1891, 95	30*	1885, 94	2 · 50	—	—
Ardrossan	29 · 892	53 · 7	51 · 6	59 · 7	49 · 4	78	1880	32	1885	3 · 38	—	—
Donaghadee	29 · 916	53 · 6	52 · 4	60 · 0	49 · 4	71	1893	36	1882, 94	2 · 74	—	—
Holyhead	29 · 941	55 · 8	53 · 6	60 · 8	52 · 5	78	1880	43	1873, 85	3 · 10	—	—
Liverpool	29 · 947	54 · 7	52 · 0	61 · 5	50 · 9	82	1880	39	1885	3 · 17	—	—
Parsonstown	29 · 948	52 · 8	50 · 9	61 · 7	47 · 2	79	1880	31	1877, 93	2 · 92	124 · 7	33
Valencia	29 · 961	56 · 4	54 · 1	61 · 8	51 · 3	78	1895	38	1872, 93	4 · 38	130 · 4	35
Roche's Point	29 · 963	55 · 6	53 · 4	61 · 7	51 · 0	74	1880	39	1893	3 · 74	—	—
Pembroke	29 · 962	56 · 2	54 · 0	60 · 3	53 · 1	74	1895	40	1885	3 · 32	146 · 5	39
Scilly	29 · 982	58 · 5	56 · 4	62 · 0	54 · 8	72	1880, 93, 95	44	1885, 88	3 · 28	—	—
Prawle Point	30 · 004	57 · 2	55 · 3	62 · 5	52 · 3	76*	1889	36*	1885	2 · 41	—	—
Jersey	30 · 003	60 · 2	57 · 2	65 · 8	54 · 9	86	1895	41	1891	2 · 96	183 · 4	49
Hurst Castle	30 · 002	57 · 3	55 · 7	64 · 6	52 · 3	77	1895	35	1885	2 · 76	—	—
Dover	29 · 981	57 · 9	55 · 5	63 · 7	53 · 2	77	1880	32	1885	2 · 53	—	—
LONDON	29 · 991	55 · 8	53 · 4	66 · 5	49 · 6	87	1880	30	1877	2 · 17	111 · 5†	30†
Oxford	29 · 985	53 · 9	52 · 0	64 · 3	48 · 8	83	1880, 95	33	1885	2 · 43	141 · 0	38
Cambridge	29 · 979	54 · 6	52 · 9	66 · 0	47 · 9	88	1880	31	1885	2 · 13	144 · 2	39
Yarmouth	29 · 959	56 · 4	54 · 4	62 · 3	51 · 3	78	1880	33	1885	2 · 64	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE — Highest (1) 30·1 ins. and more to 29·9 ins. over Germany and the greater part of France; (2) 29·9 ins. and more over the N.E. of Scotland and the northern parts of Scandinavia. Lowest 29·7 ins. and less in a depression lying off the S.W. of Ireland, and in another small system over Denmark. Gradients rather steep, for S.W.ly winds over N. Germany, slight and very variable in direction elsewhere. Distribution cyclonic and complex. Barometer rising over Germany, changing little and irregularly over the British Isles, but tending to rise in the W.

TEMPERATURE — Highest 67° at Biarritz, 64° at Nice, 61° at Jersey, Spurn H. and Stockholm, 60° at Brussels, Parsonstown and Belmullet. Lowest (1) 53° at Munich, 54° at Belfort and Wiesbaden, (2) 52° at Haparanda, 53° at Wick, 54° at York. The maxima recorded over England yesterday ranged from 60° to 68°.

WIND — Mainly from between S. and E. over our Islands and France, but W.ly to S.ly over Germany, S.ly in the south of Sweden, very variable over Lapland and Norway. The E.ly current over N.rn Europe had died down.

WEATHER — Varied greatly. At some of our N.E.rn and N.W.rn stations the sky had cleared, but rain had again set in on our S. and S.W. coasts and was again falling in several parts of Scotland. A very heavy fall (2·3 ins.) of rain is reported from Faro, and smaller quantities from many parts of our Islands and the neighbouring parts of the Continent. Bright Sunshine recorded yesterday was — for Hastings 8·1 hrs., Eastbourne 7·7 hrs., London 3·2 hrs., & Cambridge 1·5 hrs.

SEA — Moderate off Ushant, slight or smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The general tendency of the weather is to improve a little over England, but no settled weather is probable yet.

FORECASTS

For the 24 hours ending at NOON on 5TH SEPTR. 1896.

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	NE.ly airs or moderate breezes; rain at times.
1 SCOTLAND EAST	
2 ENGLAND N.E.	SE.ly breezes, light, fair to rainy.
3 ENGLAND EAST	Same as No. 5.
4 MIDLAND COUNTIES	Same as No. 2.
5 ENGLAND SOUTH	S.ly and SE.ly breezes, much rain.
6 SCOTLAND WEST	Same as Nos. 0 and 1.
7 ENGLAND N.W.	S.ly to E.ly breezes; rainy; changeable, unsettled.
8 ENGLAND S.W.	
9 IRELAND NORTH	
10 IRELAND SOUTH	
WARNINGS	None issued.

Note.—The **South Cone**, *point downwards* ( ), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* ( ), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29.95	67	60	W	4	c	2
Sumburgh Head	29.95	60	58	NE	2	b	4
Stornoway ...	29.88	60	59	E	3	o	3
Aberdeen	29.78	56	56	ENE	4	afg	4
Shields	29.77	62	60	NE	3	c	3
Ardrossan	29.76	65	64	2	0	bcm	0
Malin Head ...	29.77	61	60	SE	3	c	2
Belmullet	29.76	65	59	NNE	1	b	*
Holyhead	29.82	60	55	SSW	2	c	1

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	29.68	67	62	ESE	2	c	3
Scilly	29.76	62	61	SSE	4	f	3
Jersey	29.93	60	59	S	4	or	3
Hurst Castle ...	29.90	65	60	SW	4	c	2
Dungeness ...	29.90	65	60	NSW	4	bc	3
North Foreland	29.91	63	55	SW	3	c	2
London (Westminster)	29.88	64	55	NSW	2	bc	
Yarmouth ...	29.84	58	56	NSW	2	c	3 *
Rochefort ...	30.02	74	66	NW	3	c	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning fine and bright over SW. Europe, the Mediterranean and Adriatic, also over the N. parts of Russia, Lapland and Norway; very changeable and unsettled over the British Islands and their neighbourhood, with rain in many localities. Rain falling later in nearly all parts of the British Islands and NW. Europe, the fall being especially heavy in some parts of Denmark; thunderstorms prevalent over the S. half of Ireland.

Temperature in morning highest 81° at Syra, 80° at Brindisi, and above 70° over the S. parts of the Mediterranean, Greece and the shores of the Black Sea, 64° at Lemberg, 63° at Kharkov, 62° at Wisby, 60° at Skudesnaes. Lowest 44° at Moscow, 50° at St. Petersburg; 50° at Belfort, 51° at Munich, 53° at Le Mans; 54° in London, 55° at Oxford. Rising later to between 65° and 68° in many parts of our Islands, to 69° at Paris, 73° at Nice, and 81° at Biarritz and Lisbon.

Wind chiefly E. or NE. over the N. countries of Europe, and SE. to SW. over the central countries; extremely variable elsewhere—separate cyclonic circulations being prevalent off our SW. coasts and over the North Sea. No decided change over our Islands later, but a new cyclonic system appearing over Denmark.

Barometer highest (1) 30.41 ins. at Moscow, and exceeding 30.1 ins. over nearly the whole of Russia and Finland, (2) exceeding 30.0 ins. over S. Europe generally. Lowest 29.7 ins. and less in a depression off the SW. coast of Ireland, and apparently in a small system off our NE. coast; the latter disturbance filling up later, but a new one forming over Denmark.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

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DAILY WEATHER REPORT

for 8 a.m. on Saturday, 5th September, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	29.97	42	N	2	b	29.90	-.02	41	39	-11	N	2	0	*	b	*	57	41	-
	Hernösand ...	29.89	56	N	2	b	29.84	-.04	51	50	-3	N	4	r	*	0	*	70	51	0.08
	Stockholm ...	29.82	56	W	0	b	29.73	-.13	57	56	-4	N	2	0	*	b	*	68	55	-
	Wisby	29.84	55	SSW	4	b	29.76	-.13	58	57	-1	NE	4	bc	*	b	*	64	52	-
	Karlstad ...	29.84	54	SW	2	0	29.84	.00	54	53	-5	?NNW	2	cf	*	0	*	*	*	-
	Bodö	29.98	55	N	2	b	30.00	+.07	48	43	-6	N	2	b	2	b	*	55	43	-
	Christiansund ...	29.93	55	NE	4	b	30.04	+.11	53	48	-4	NE	5	0	3	b	*	59	52	-
	Skudesnaes ...	29.86	59	W	1	0	29.85	+.03	58	57	-2	NNW	1	f	1	b,0	*	68	55	*
	Færder (Christiania Fjord)	29.83	59	NNE	1	0	29.86	+.02	59	58	+2	NNW	1	bc	1	0	*	61	59	-
	Skagen (The Scaw)	29.84	59	N	1	bc	29.87	+.06	59	58	+1	N	1	c	0	bc	*	64	50	-
	Fanö	29.85	57	NNW	2	b	29.86	+.21	51	51	-6	SE	2	f	*	b	*	66	50	-
	Sumburgh Head	29.96	56	NE	1	c	?29.99	+.05	52	51	-3	NE	4	0	4	c	*	57	50	0.01
	Stornoway ...	29.92	57	NE	3	c	30.00	+.10	55	54	0	E	2	0	2	c	4.1	63	48	-
	Wick	30.01	55	E	2	0	30.02	+.07	54	54	+1	E	2	d	2	0	*	58	51	0.03
	Nairn	29.94	53	E	1	0	29.99	+.11	53	53	-2	E	0	f	1	0	*	56	49	0.01
	Aberdeen ...	29.95	52	NE	2	c	29.96	+.04	54	53	-2	N	3	c	3	of,c,d	0.9	59	51	0.01
	Leith	29.90	57	E	2	c	29.93	+.05	54	54	-3	NNE	2	om	*	c	*	59	52	-
	Shields	29.89	58	E	1	bcm	29.89	+.01	55	54	-2	NE	3	op	3	c,bcm	*	62	53	-
	Spurn Head ...	29.83	58	E	3	rm	29.76	-.11	58	58	-3	ENE	4	orm	4	om,rm	*	61	57	0.50
	York	29.84	61	E	1	0	29.81	-.06	57	57	+3	NNE	2	r	*	c,0	4.3	72	54	0.09
	Loughborough ...	29.79	59	ESE	1	r	29.71	-.15	57	57	0	NE	3	gmr	*	d,op,rm	*	62	57	0.60
BRITISH ISLANDS.	Ardrossan ...	29.84	60	ENE	3	dm	29.93	+.09	55	55	-5	NE	2	om	1	om,dm	*	64	52	-
	Malin Head ...	29.83	59	E	2	cm	29.92	+.13	58	56	+2	ENE	4	cm	2	c,cm	*	62	55	-
	Belmullet ...	29.78	62	NE	1	b	29.90	+.15	59	58	-1	NE	3	0	*	c,b	*	67	58	-
	Donaghadee ...	29.83	59	NW	2	0	29.90	+.07	56	55	-1	ENE	5	c	3	0	*	62	55	0.01
	Liverpool (Bidston)	29.76	60	E	3	r	29.79	-.03	56	55	0	NE	2	r	3	p,r	*	66	55	0.36
	Holyhead ...	29.74	60	NE	4	gmr	29.80	+.01	57	56	-2	NE	5	dm	3	ogm,rm	*	64	55	0.59
	Parsonstown ...	29.76	63	W	0	o	29.87	+.14	56	55	-4	W	0	or	*	od,r	0.0	65	55	0.51
	Valencia ...	29.75	61	W	0	ct	29.89	+.19	60	58	+1	NNW	3	cgm	3	bc,ct	2.3	65	54	0.01
	Roche's Point ..	29.73	60	SSE	1	c	29.81	+.09	59	59	0	NNE	4	r	3	c	*	63	57	0.02
	Pembroke (St. Ann's Hd.)	29.69	60	W	0	0	29.69	-.04	60	59	-1	ENE	2	og	2	c,0	2.8	62	58	-
	Scilly	29.67	60	NNW	1	r	29.75	+.04	61	59	+1	N	5	c	3	c,r	3.1	67	58	0.23
	Prawle Point ...	29.71	58	NNW	3	m	29.68	-.06	59	58	0	NW	3	rf	2	rf	*	60	56	0.20
	Jersey (St. Aubin's)	29.74	62	SSE	4	ogr	29.71	-.12	61	60	0	N	4	og	3	o,gr	*	67	57	0.84
	Hurst Castle ...	29.74	63	SE	3	o	29.63	-.20	59	58	0	NNW	2	rm	2	cm,r	*	65	58	0.95
	Dungeness ...	29.79	64	SSE	2	c	29.68	-.21	61	60	+1	SSW	4	0	3	cp	*	64	59	0.21
	North Foreland	29.81	63	SE	3	r	29.69	-.22	64	60	+2	SSW	2	bc	2	r	*	64	58	0.45
	London (Brixton) ...	29.79	61	SE	1	0	29.66	-.22	60	59	0	ESE	2	c	*	or	0.0	64	57	0.61
	Oxford	29.76	59	SE	2	0	29.63	-.21	59	58	0	E	2	odu	*	or	*	60	57	0.89
	Cambridge ...	29.81	61	SE	1	og	29.68	-.20	61	60	+2	ESE	1	ogm	*	ogr	0.0	63	58	0.47
	Yarmouth ...	29.85	61	SE	3	0	29.73	-.16	60	59	0	E	5	ogr	4	ev,r	*	64	58	0.71
GERMANY & HOLLAND.	Cuxhaven ...	29.85	59	NW	2	0	29.85	+.06	57	57	-1	W	0	c	*	0	*	63	54	0.04
	Berlin	29.93	62	SW	3	0	29.90	-.10	58	56	+3	W	0	f	*	0	*	70	54	-
	Wiesbaden ...	*	*	*	*	*	29.85	-.22	58	57	+4	W	0	0	*	*	*	70	54	0.08
	Munich... ..	30.05	57	SE	2	b	29.95	-.20	56	55	+3	E	1	b	*	b	*	70	48	-
	The Helder ...	29.90	62	W	0	0	29.77	-.14	60	58	-1	E	3	0	2	0	*	66	60	0.08
BELGIUM.	Brussels ...	*	*	*	*	*	29.77	-.22	60	59	0	SSE	1	c	*	r	*	72	58	0.39
	Cape Gris Nez...	29.76	63	SSW	2	0	29.66	-.29	62	60	0	SW	3	0	3	0	*	68	59	0.39
	Paris	29.88	69	SE	2	r	29.78	-.20	61	59	+4	S	3	r	*	r	*	77	57	0.04
	Brest	29.73	60	SE	2	t	29.78	.00	57	?	-3	NNW	3	c	3	t	*	61	54	0.08
	Lorient... ...	29.73	62	SSW	5	0	29.87	+.03	59	58	-2	NNW	2	0	2	0	*	63	52	0.55
FRANCE &	Rochefort ...	29.87	68	SW	4	0	29.93	.00	64	63	+2	W	5	c	*	0	*	73	61	0.08
	Belfort	29.89	67	E	1	0	29.93	-.12	57	57	+3	W	0	m	*	0	*	75	54	0.20
	Lyons	29.89	71	S	3	0	29.96	-.09	60	58	+3	S	1	0	*	0,l	*	79	57	0.12
	Nice	30.06	64	W	1	b	29.98	-.11	64	58	+5	NE	1	bc	1	b	*	74	59	-
	Perpignan ...														*		*			
	Biarritz ...	29.91	68	W	4	0	30.01	+.12	67	63	0	WSW	4	b	2	0,l	*	70	63	0.04
PENINSULA.	Corunna ...																*			
	Lisbon	30.15	66	NNW	3	bc	30.19	+.09	65	61	-2	NNW	3	b	*		*	75	61	-
	Azores (P. Delgada)	30.25	71	WNW	3	b	30.26	+.11	73	68	0	WSW	4	bc	3	b	*	75	68	-

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

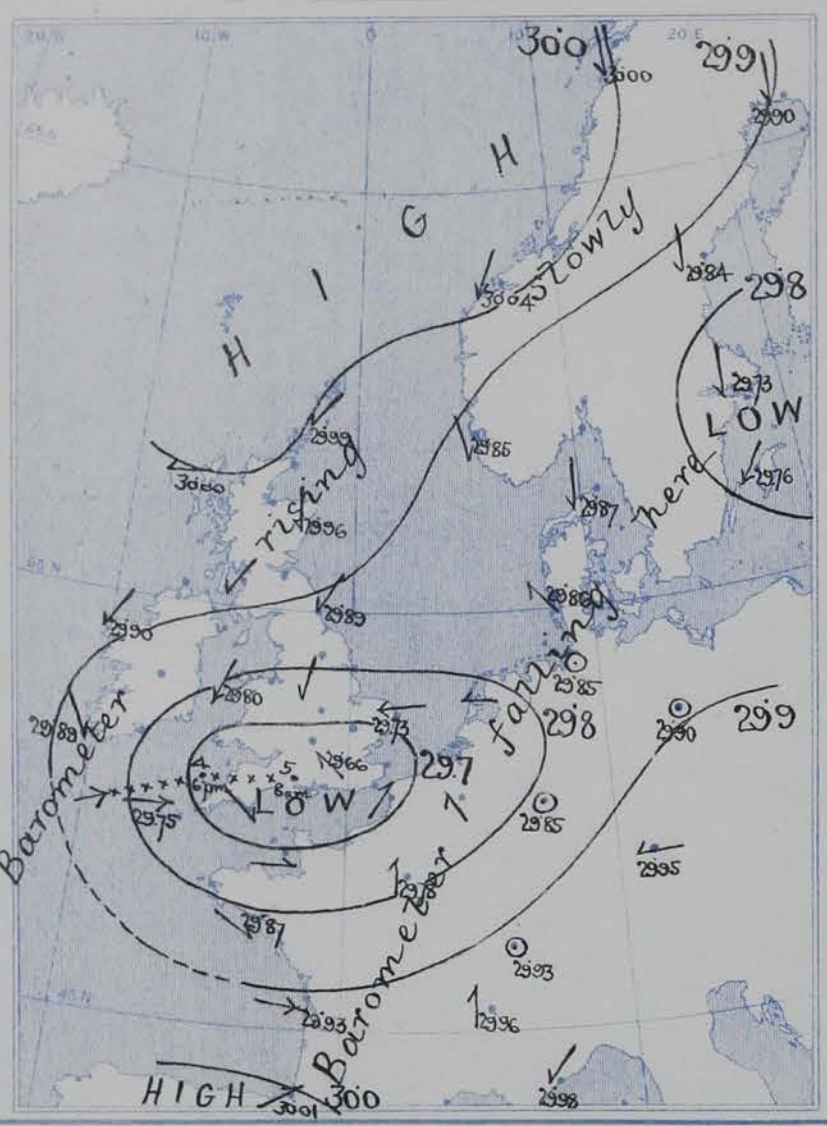
Bright Sunshine yesterday Southport 11.3 hrs; Eastbourne 11.0 hrs. Hastings (St. Leonards 10.0 hrs.)

WEATHER CHARTS

FOR Saturday, 5th September. 1896.

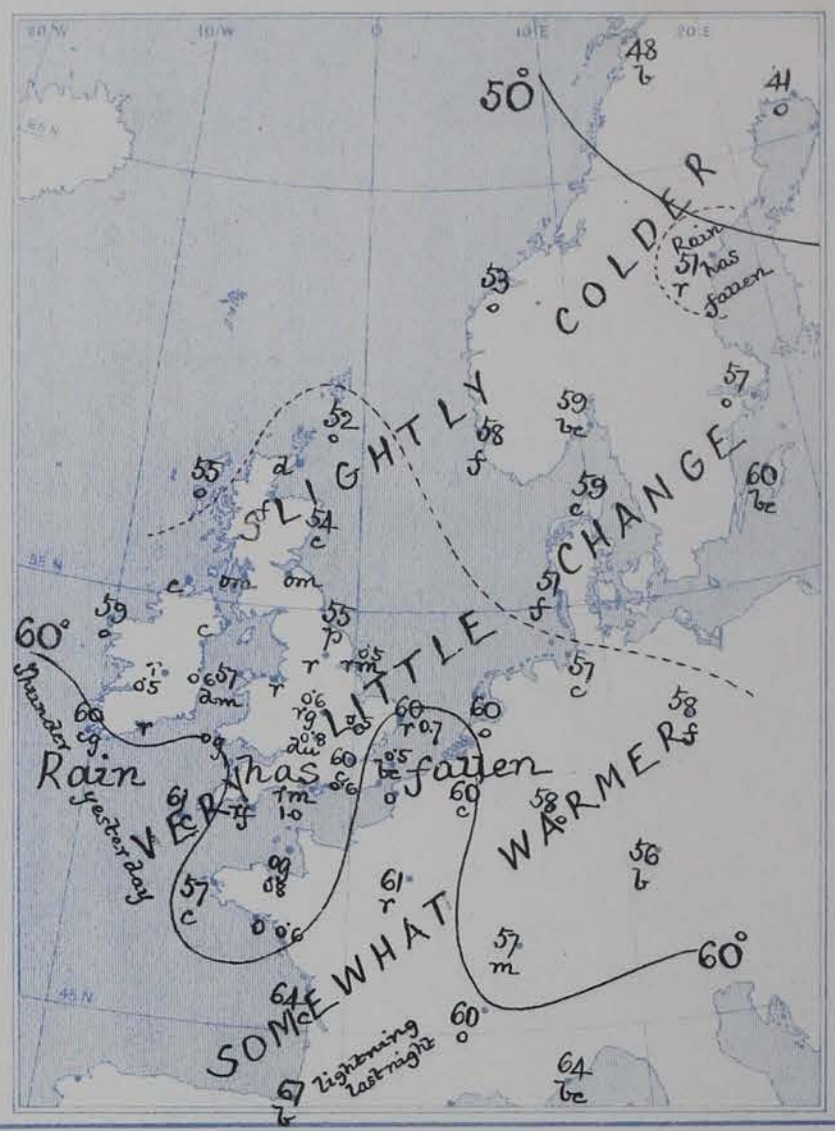
BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows show Directions and Force, flying with the wind.
Force above 10 ⟶⟶ ; *Force 5 to 7* ⟶ ; *Force 8 to 10* ⟶ ; *Force 1 to 4* ⟶ ; Calm ⊙
SEA—Rough ; *High*



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.
RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF SEPTEMBER.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Absolute Extremes. Maximum.	Years.	Minimum.	Years.	RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95. Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29·793	50·8	49·1	55·0	46·1	68	1880	34	1887, 88	3·38	—	—
Stornoway	29·814	51·5	50·2	56·5	45·8	69	1895	32	1871, 75, 85	4·09	103·3	27
Wick	29·831	52·0	50·1	57·8	45·7	74	1884, 91	29	1885, 87	2·51	—	—
Nairn	29·843	51·5	49·1	59·5	46·2	77	1895	25	1892	2·48	—	—
Aberdeen	29·863	52·3	49·8	59·3	46·6	79	1891	30	1887	2·89	124·2	33
Leith	29·887	53·3	50·8	62·0	47·5	81	1873, 91	33	1886	2·19	—	—
Shields	29·910	53·2	51·0	60·1	48·2	79	1895	34	1885, 89, 93	2·30	—	—
Spurn Head	29·947	55·6	53·8	60·7	52·5	75*	1895	38*	1892	1·83	—	—
York	29·896	52·9	51·0	63·2	47·5	83	1895	30	1885	2·45	118·4	32
Loughborough	29·971	53·6	51·9	65·4	47·6	86*	1891, 95	30*	1885, 94	2·50	—	—
Ardrossan	29·892	53·7	51·6	59·7	49·4	78	1880	32	1885	3·38	—	—
Donaghadee	29·916	53·6	52·4	60·0	49·4	71	1893	36	1882, 94	2·74	—	—
Holyhead	29·941	55·8	53·6	60·8	52·5	78	1880	43	1873, 85	3·10	—	—
Liverpool	29·947	54·7	52·0	61·5	50·9	82	1880	39	1885	3·17	—	—
Parsonstown	29·948	52·8	50·9	61·7	47·2	79	1880	31	1877, 93	2·92	124·7	33
Valencia	29·961	56·4	54·1	61·8	51·3	78	1895	38	1872, 93	4·38	130·4	35
Roche's Point	29·963	55·6	53·4	61·7	51·0	74	1880	39	1893	3·74	—	—
Pembroke	29·962	56·2	54·0	60·3	53·1	74	1895	40	1885	3·32	146·5	39
Scilly	29·982	58·5	56·4	62·0	54·8	72	1880, 93, 95	44	1885, 88	3·28	—	—
Prawle Point	30·004	57·2	55·3	62·5	52·3	76*	1889	36*	1885	2·41	—	—
Jersey	30·003	60·2	57·2	65·8	54·9	86	1895	41	1891	2·06	183·4	49
Hurst Castle	30·002	57·3	55·7	64·6	52·3	77	1895	35	1885	2·76	—	—
Dover	29·981	57·9	55·5	63·7	53·2	77	1880	32	1885	2·53	—	—
LONDON	29·991	55·8	53·4	66·5	49·6	87	1880	30	1877	2·17	111·5†	30†
Oxford	29·985	53·9	52·0	64·8	48·8	83	1880, 95	33	1885	2·43	141·0	38
Cambridge	29·979	54·6	52·9	66·0	47·9	88	1880	31	1885	2·13	144·2	39
Yarmouth	29·959	56·4	54·4	62·3	51·3	78	1880	33	1885	2·64	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.0 ins. and more over Spain and exceeding 29.9 ins. over the southern parts of France, and also over Scotland, the Shetland Isles and the N.W. and N. of Scandinavia.
Lowest 29.7 ins. and less in a depression lying over the southern counties of England.
Gradients slight to moderate; Distribution cyclonic.
Barometer rising in the west and north, falling in the southeast and south.

TEMPERATURE

Highest 67° to 64° in the S.W. and S. of France, 60° at Wisley, at Brussels, and Valencia (Ireland)
Lowest 41° at Haparanda, 48° at Bodö, 52° at Dumbarton H.D., 55° at Shields.
A maximum of 72° in the shade was registered at York yesterday, 70° at Berlin, 77° at Paris, 79° at Lyons. In London the maximum was only 64°.

WIND

NE.ly to E.ly at the northern stations, S.ly to W.ly over France. A complete cyclonic circulation prevailed over England and the Channel, but the force was moderate.

WEATHER

Very unsettled over England, the Channel and the N. of France, with heavy rain in many places. At Jersey and Oxford the amount has exceeded 0.8 in., while at Hurst Castle it has been as much as 0.95 in. Thunder had been heard at some of the S.W.rn stations, lightning seen in the S. of France, Aurora at Stornoway and a solar halo at Jersey. Bright Sunshine recorded yesterday was about 4 hrs. at Aberdeen and York, 3 hrs. on the S.W. coast of England, but none at Cambridge, London, Hastings & Eastbourne.

SEA

Moderate on our east coast, slight to smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Further falls of rain are probable over England and France.

FORECASTS

For the 24 hours ending at NOON on 6th Sept.r 1896.

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	E.ly breezes, light; fair.
1 SCOTLAND EAST	
2 ENGLAND N.E.	E.ly and NE.ly winds; rain at times.
3 ENGLAND EAST	
4 MIDLAND COUNTIES	
5 ENGLAND SOUTH	W.ly and NW.ly breezes, changeable; sharp showers.
6 SCOTLAND WEST	Same as No. 0 and 1.
7 ENGLAND N.W.	NE.ly to N.ly winds; rainy to fair.
8 ENGLAND S.W.	Same as No. 5.
9 IRELAND NORTH	N.ly winds; showery to fair.
10 IRELAND SOUTH	
WARNINGS	None issued.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29.88	68	61	WNW	2	b	1
Sumburgh Head	?29.98	57	56	NE	1	c	3
Stornoway	29.92	58	57	E	3	c	3
Aberdeen	29.94	55	54	E	2	of	2
Shields	29.90	61	58	E	2	c	2
Ardrossan	29.84	64	63	ENE	3	cm	2
Malin Head ...	29.83	61	58	SE	3	c	1
Belmullet	29.77	65	62	ENE	1	c	*
Holyhead	29.77	64	62	NE	2	ogm	1

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	29.71	64	62	WNW	1	bc	2
Scilly	29.69	67	64	SSE	3	c	1
Jersey	29.79	65	63	SSE	4	o	3
Hurst Castle ...	29.79	65	62	S	4	cm	2
Dungeness ...	29.85	62	60	ESE	3	cp	2
North Foreland	29.87	62	59	SE	3	r	2
London (Westminster)	29.82	64	60	SSE	3	or	#
Yarmouth ...	29.89	63	60	SSE	3	cv	3
Rochefort ...	29.87	73	68	SW.	3	o	#

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning fine over the Mediterranean, SE. and central Europe, very unsettled in the NW. and over the British Islands, with rain in many places, and fog in a few. Large quantities of rain falling over France and Gt. Britain later, the heaviest falls being 0.95 in. at Hurst Castle, and more than 0.8 in. at Jersey and Oxford. Thunderstorm at some of the SW. stations, with a solar halo at Jersey.

Temperature not changing much, but tending to fall in the far N. Morning readings highest 84° at Brindisi, 83° at Athens, and exceeding 70° at the extreme S. stations generally. Lowest 53° at Wick, 54° at York, 55° at Nairn, 52° at Haparanda and St. Petersburg, 53° at Kharkov, 53° at Munich, 54° at Belfast and Wiesbaden. Failing to reach 70° over the United Kingdom later, except at Leith, but touching 72° at Brussels, 73° at Paris, 79° at Lyons.

Wind moderate to light in force generally, (1) SW. over the Bay of Biscay, S. to E. over the British Islands (2) a separate cyclonic circulation over Denmark and S. of Scandinavia, (3) very light and variable airs prevalent over SE., central and S. Europe.

Barometer highest (1) 30.25 ins. at Kharkov, and exceeding 30.0 ins. over all the central and S. countries, (2) 29.9 ins. and more over the NE. of Scotland and all the NW. parts of Scandinavia. Lowest below 29.7 ins. in a depression off our SW. coasts, and in another over Denmark. Beginning to rise in the W. of our Islands later, but falling over France and the SW. of England.

NOTE The 2 pm Reports for Sunday, Aug. 30th were, by accident inserted on the last page of the Daily Weather Report for that day, instead of on the Report for Monday. The Saturday's 2 pm observations were, on the contrary inserted in the Monday's Report. The values therefore need to be transposed.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France: at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

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DAILY WEATHER REPORT

for 8 a.m. on Sunday 6th September, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	29.89	39	N	2	b	29.95	+ .05	41	38	0	N	2	b	*	b	*	50	34	—
	Hernösand ...	29.89	49	N	4	r	30.02	+ .18	46	42	— 5	NW	6	b	*	r	*	57	48	0.12
	Stockholm ...	29.82	53	NE	2	0	29.93	+ .20	51	48	— 6	NW	4	c	*	0	*	61	52	0.12
	Wisby	29.80	59	NNW	6	0	29.89	+ .13	55	50	— 3	N	6	0	*	0	*	61	50	0.16
	Karlstad ...	29.84	56	2	0	b	30.03	+ .19	49	45	— 5	NNE	4	b	*	b	*	*	*	—
	Bodö	30.06	47	N	2	c	30.15	+ .15	45	42	— 3	NW	2	r	1	c	*	48	39	—
	Christiansund ...	30.12	51	NE	4	c	30.17	+ .13	51	47	— 2	E	4	c	2	c	*	55	50	—
	Skudesnaes ...	29.89	56	WNW	2	0	29.96	+ .11	55	54	— 3	S	2	f	2	bc,0	*	63	54	*
	Færder (Christiania Fjord)	29.84	61	SW	2	b	30.05	+ .19	51	47	— 8	NNE	4	b	1	b	*	64	52	—
	Skagen (The Scaw)	29.90	59	N	1	b	29.97	+ .10	56	54	— 3	E	2	0	0	b	*	68	52	0.04
	Fanö	29.84	57	N	2	b	29.88	+ .02	53	53	+ 2	NE	3	m	*	b	*	68	52	—
BRITISH ISLANDS.	Sumburgh Head	30.07	52	NE	5	c	30.12	+ .13	52	49	0	NE	4	0	5	c,0	*	56	49	—
	Stornoway ...	30.10	60	E	3	0	30.11	+ .11	52	51	— 3	E	4	0	4	c,0	4.2	63	49	—
	Wick	30.05	54	E	2	0	30.12	+ .10	52	52	— 2	NE	2	0	3	0	*	56	49	0.05
	Nairn	30.03	54	E	2	c	30.10	+ .11	52	50	— 1	E	1	0	1	c	*	56	48	0.05
	Aberdeen ...	29.98	54	N	3	cp	30.07	+ .11	52	50	— 2	NNW	3	c	3	o,ap,cp	0.3	57	50	0.04
	Leith	29.96	57	E	1	0	30.08	+ .15	54	51	0	ENE	3	0	*	0	*	58	53	—
	Shields	29.93	54	NNE	2	c	30.00	+ .11	55	54	0	NNE	3	op	4	c	*	57	52	0.04
	Spurn Head ...	29.82	57	NNE	5	rm	29.95	+ .19	56	55	— 2	N	4	cr	3	rm,v	*	58	50	0.24
	York	29.88	57	NNW	2	0	29.99	+ .18	55	54	— 2	N	1	0	*	0	*	65	52	0.07
	Loughborough ...	29.82	57	NE	3	r	29.97	+ .26	55	53	— 2	N	2	0	*	gmd,0	*	60	52	0.24
	Ardrossan ...	29.92	61	2	0	c	30.05	+ .12	55	54	0	NE	2	om	1	cm	*	65	53	—
	Malin Head ...	29.96	58	NNE	3	b	30.02	+ .10	56	55	— 2	SSE	2	bcw	0	b	*	62	54	—
	Belmullet ...	29.96	60	NE	2	bc	30.01	+ .11	58	56	— 1	NNE	2	c	*	bc	*	60	58	—
	Donaghadee ...	29.96	60	NNE	3	b	30.05	+ .15	56	55	0	NE	3	0	1	b	*	64	51	0.02
	Liverpool (Bidston)	29.89	57	NE	3	0	30.01	+ .22	56	53	0	2	0	0	1	0	*	59	53	0.06
	Holyhead ...	29.92	59	NE	3	om	30.02	+ .22	57	55	0	NNE	1	c	1	ogm	*	60	55	0.01
	Parsonstown ...	29.95	62	2	0	b	30.03	+ .16	53	52	— 3	2	0	bcw	*	b	2.4	63	50	0.03
	Valencia ...	29.96	63	W	1	b	30.01	+ .12	61	58	— 1	2	0	cw	1	bm,b	7.2	66	53	—
	Roche's Point ..	29.93	63	NNE	3	c	30.05	+ .34	57	54	— 2	N	1	bc	2	c	*	64	51	—
	Pembroke (St. Ann's Hd.)	29.85	58	ENE	4	0	29.98	+ .29	57	55	— 3	E	3	o,gm	2	0	1.5	60	56	—
	Scilly	29.84	61	NNW	4	0	29.95	+ .20	60	59	— 1	NNW	3	om	2	om	2.0	62	58	—
	Prawle Point ...	29.77	61	NW	3	0	29.96	+ .28	59	57	0	NNE	3	c	2	op,0	*	62	56	0.07
	Jersey (St. Aubin's)	29.77	62	W	6	0	29.95	+ .24	64	62	+ 3	NNW	3	bcm	3	0	*	64	59	0.16
	Hurst Castle ...	29.72	62	ENE	2	cp	29.94	+ .31	59	56	0	NNE	2	c	2	c	*	64	57	0.21
	Dungeness ...	29.71	62	SW	2	c	29.85	+ .17	59	58	— 2	NNW	3	0	2	bc,c	*	66	53	0.01
	North Foreland	29.74	62	SE	2	bc	29.84	+ .15	62	58	— 2	NW	4	0	3	bc	*	66	53	0.04
	London (Brixton) ...	29.73	63	ESE	2	c	29.94	+ .28	57	55	— 3	NNW	1	0	*	c,or2	3.7	71	55	0.06
	Oxford	29.87	60	N	3	0	29.95	+ .32	56	54	— 3	N	3	0	*	pg,0	*	66	54	0.01
	Cambridge ...	29.77	63	NNE	3	0	29.93	+ .25	56	55	— 5	NNW	3	d	*	0	0.2	66	53	0.02
	Yarmouth ...	29.75	62	NE	3	c	29.85	+ .12	58	57	— 2	N	4	r	4	c	*	63	56	0.38
GERMANY & HOLLAND.	Cuxhaven ...	29.77	61	E	3	0	29.78	— .07	57	?	0	E	3	r	*	0	*	63	55	0.08
	Berlin	29.87	64	2	0	0	29.80	— .10	58	57	0	E	2	r	*	0	*	68	55	0.32
	Wiesbaden ...	*	*	*	*	*	29.84	— .01	57	57	— 1	2	0	r	*	*	*	66	55	0.51
	Munich... ..	30.01	54	W	4	b	29.96	+ .01	59	55	+ 3	W	6	c	*	b	*	70	52	0.47
	The Helder ...	29.74	61	NNE	2	0	29.79	+ .02	60	59	0	NE	4	r	2	0	*	61	57	0.35
BELGIUM.	Brussels ...	*	*	*	*	*	29.81	+ .04	58	57	— 2	SE	1	f	*	c	*	70	52	0.04
	Cape Gris Nez...	29.73	62	SW	1	0	29.80	+ .14	59	58	— 3	NE	3	r	3	0	*	68	59	0.16
	Paris	29.80	62	WSW	3	r	29.83	+ .05	57	57	— 4	NW	3	r	*	r	*	71	58	0.35
	Brest	29.97	61	WNW	4	f	29.98	+ .20	58	58	+ 1	W	1	b	3	f	*	64	55	—
	Lorient... ...	29.87	60	NW	6	0	29.97	+ .10	58	57	— 1	WNW	4	c	3	0	*	64	54	—
FRANCE &	Rochefort ...	29.93	66	W	6	bc	29.96	+ .03	64	63	0	W	5	c	*	bc	*	70	63	—
	Belfort	29.89	57	WSW	1	c	29.91	— .02	56	54	— 1	WSW	5	0	*	c	*	67	54	0.28
	Lyons	?	66	W	1	bc	30.01	+ .05	57	53	— 3	WSW	1	bc	*	bc,2	*	76	55	—
	Nice	29.94	64	SW	1	c	29.89	— .09	63	59	— 1	2	0	b	1	c	*	77	59	—
	Perpignan ...	29.97	71	W	1	0	30.08		63	57		W	1	c	*	0	*	77	55	—
	Biarritz ...	30.07	67	W	4	bc	30.05	+ .04	65	59	— 2	W	4	0	3	bc	*	70	63	0.04
PENINSULA.	Corunna ...	30.10	66	W	6	b	30.04		66	61		S	1	c	2	b	*	66	52	—
	Lisbon	30.16	63	N	4	b	30.12	— .07	63	58	— 2	NNW	3	b	*	b	*	75	59	—
	Azores (P. Delgada)																*			

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

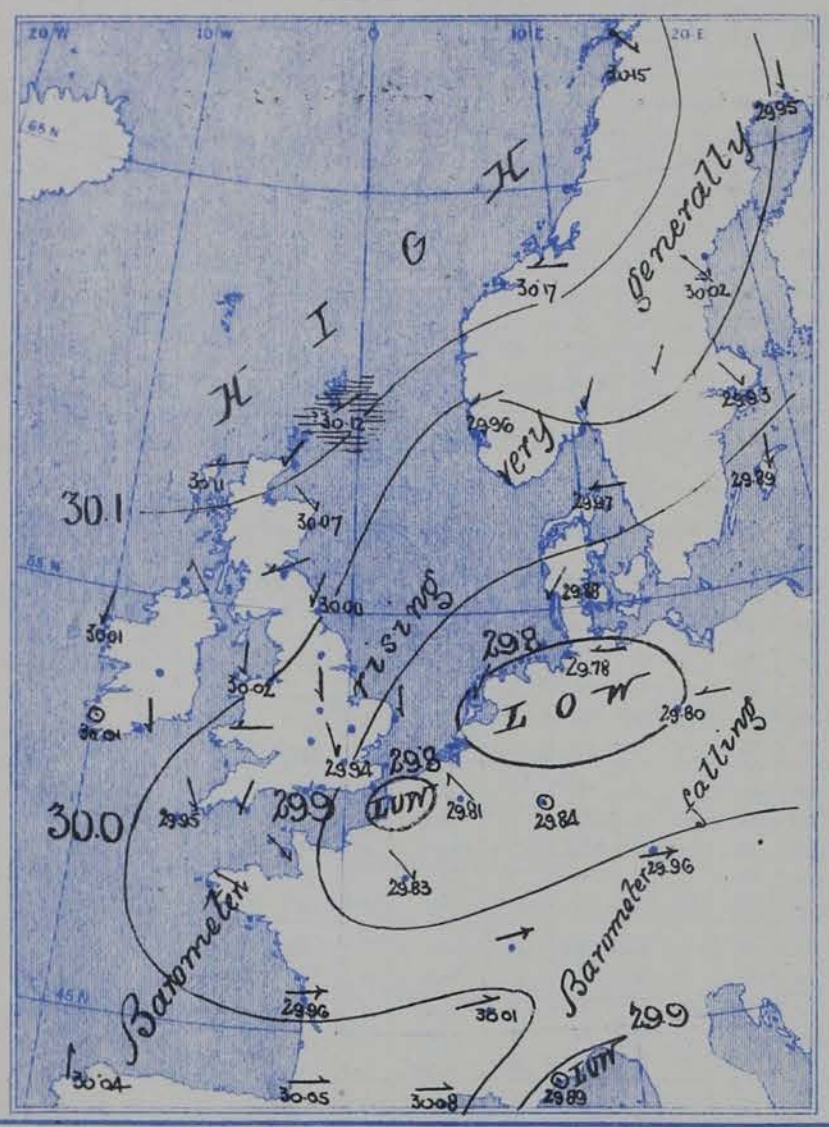
Bright Sunshine yesterday Southport 0.3 hrs; Eastbourne 2.0 hrs.

WEATHER CHARTS

FOR SUNDAY, 6TH SEPTR, 1896.

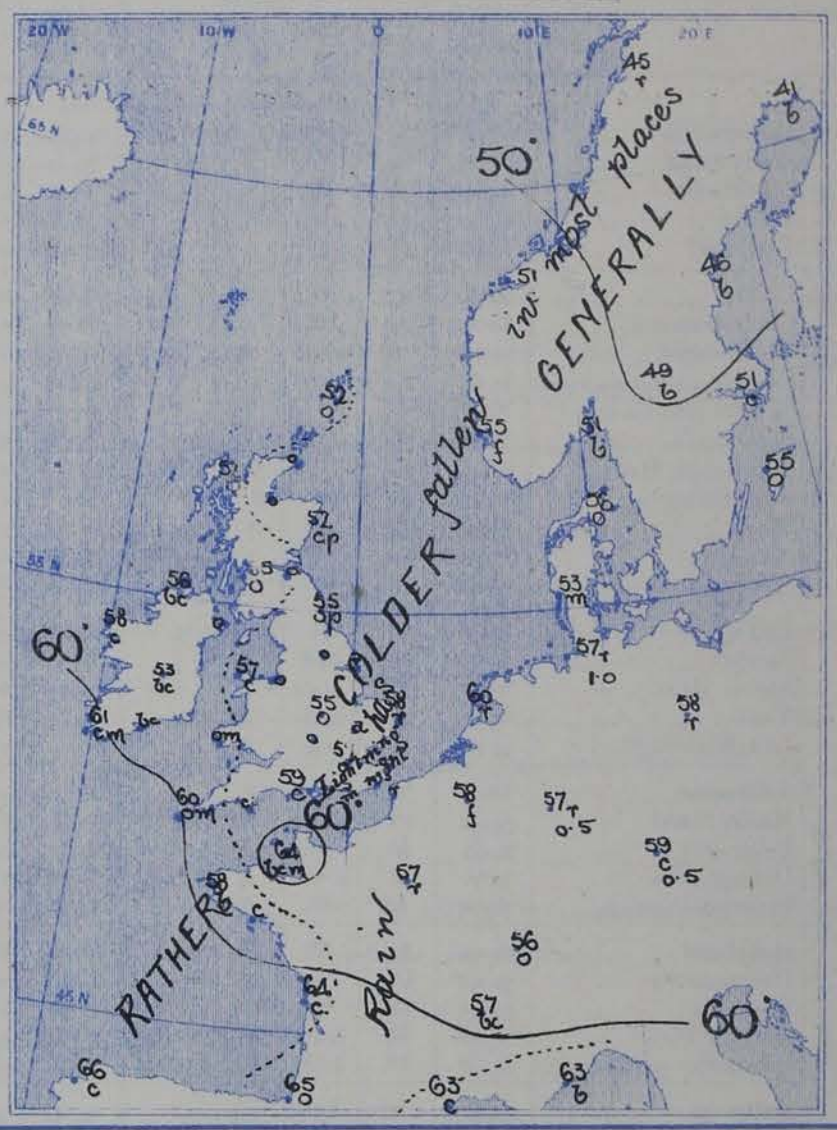
BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.
Force above 10 ⟶⟶ ; *Force 5 to 7* ⟶ ; *Force 8 to 10* ⟶ ; *Force 1 to 4* ⟶ ; Calm ⊙
SEA—Rough ; *High*



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.
RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF SEPTEMBER.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of: Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Absolute Extremes: Maximum.	Years.	Minimum.	Years.	RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95. Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29 · 793	50 · 8	49 · 1	55 · 0	46 · 1	68	1880	34	1887, 88	3 · 38	—	—
Stornoway	29 · 814	51 · 5	50 · 2	56 · 5	45 · 8	69	1895	32	1871, 75, 85	4 · 09	103 · 3	27
Wick	29 · 831	52 · 0	50 · 1	57 · 8	45 · 7	74	1884, 91	29	1885, 87	2 · 51	—	—
Nairn	29 · 843	51 · 5	49 · 1	59 · 5	46 · 2	77	1895	25	1892	2 · 48	—	—
Aberdeen	29 · 863	52 · 3	49 · 8	59 · 3	46 · 6	79	1891	30	1887	2 · 89	124 · 2	33
Leith	29 · 887	53 · 3	50 · 8	62 · 0	47 · 5	81	1873, 91	33	1886	2 · 19	—	—
Shields	29 · 910	53 · 2	51 · 0	60 · 1	48 · 2	79	1895	34	1885, 89, 93	2 · 30	—	—
Spurn Head	29 · 947	55 · 6	53 · 8	60 · 7	52 · 5	75*	1895	38*	1892	1 · 83	—	—
York	29 · 896	52 · 9	51 · 0	63 · 2	47 · 5	83	1895	30	1885	2 · 45	118 · 4	32
Loughborough	29 · 971	53 · 6	51 · 9	65 · 4	47 · 6	86*	1891, 95	30*	1885, 94	2 · 50	—	—
Ardrossan	29 · 892	53 · 7	51 · 6	59 · 7	49 · 4	78	1880	32	1885	3 · 38	—	—
Donaghadee	29 · 916	53 · 6	52 · 4	60 · 0	49 · 4	71	1893	36	1882, 94	2 · 74	—	—
Holyhead	29 · 941	55 · 8	53 · 6	60 · 8	52 · 5	78	1880	43	1873, 85	3 · 10	—	—
Liverpool	29 · 947	54 · 7	52 · 0	61 · 5	50 · 9	82	1880	39	1885	3 · 17	—	—
Parsonstown	29 · 948	52 · 8	50 · 9	61 · 7	47 · 2	79	1880	31	1877, 93	2 · 92	124 · 7	33
Valencia	29 · 961	56 · 4	54 · 1	61 · 8	51 · 3	78	1895	38	1872, 93	4 · 38	130 · 4	35
Roche's Point	29 · 963	55 · 6	53 · 4	61 · 7	51 · 0	74	1880	39	1893	3 · 74	—	—
Pembroke	29 · 962	56 · 2	54 · 0	60 · 3	53 · 1	74	1895	40	1885	3 · 32	146 · 5	39
Scilly	29 · 982	58 · 5	56 · 4	62 · 0	54 · 8	72	1880, 93, 95	44	1885, 88	3 · 28	—	—
Prawle Point	30 · 004	57 · 2	55 · 3	62 · 5	52 · 3	76*	1889	36*	1885	2 · 41	—	—
Jersey	30 · 003	60 · 2	57 · 2	65 · 8	54 · 9	86	1895	41	1891	2 · 96	183 · 4	49
Hurst Castle	30 · 002	57 · 3	55 · 7	64 · 6	52 · 3	77	1895	35	1885	2 · 76	—	—
Dover	29 · 981	57 · 9	55 · 5	63 · 7	53 · 2	77	1880	32	1885	2 · 53	—	—
LONDON	29 · 991	55 · 8	53 · 4	66 · 5	49 · 6	87	1880	30	1877	2 · 17	111 · 5†	30†
Oxford	29 · 985	53 · 9	52 · 0	64 · 3	48 · 8	83	1880, 95	33	1885	2 · 43	141 · 0	38
Cambridge	29 · 979	54 · 6	52 · 9	66 · 0	47 · 9	88	1880	31	1885	2 · 13	144 · 2	39
Yarmouth	29 · 959	56 · 4	54 · 4	62 · 3	51 · 3	78	1880	33	1885	2 · 64	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.1 ins. and more over the N. of Scotland and the northwestern parts of Scandinavia, and exceeding 30.0 ins. over Ireland, Spain and the southwest of France.
Lowest 29.8 ins. and less in a depression over Holland and the NW. of Germany, and in a very small secondary over Belgium.
Gradients slight – favourable for NE. winds over the British Islands and North Sea, and for W. winds over the S. parts of France and Germany. Barometer rising in the British Isles and Scandinavia, falling over Germany and apparently over Spain and Portugal also.

TEMPERATURE

Highest 66° to 63° over southwestern and southern Europe, 64° at Jersey, 62° at the N. Foreland, 61° at Valencia (Ireland), 60° at Scilly.
Lowest 41° at Haparanda, 45° at Bodö, 46° at Hernösand, 52° in the north and east of Scotland.
The thermometer failed to reach 70° yesterday at any of our stations excepting London, and did not touch 60° over the greater part of Scotland. The night minima, however, were not low.

WIND

(1) NW. moderate to strong over Sweden and the Gulf of Bothnia, (2) E. to N. over our Islands as a whole, NW. on our southwest coasts; NW. to W. over France, E. over N. Germany.

WEATHER

Fair in Ireland, dull over Gt. Britain, rainy over Germany, the NE. of France and the extreme southeast of our Island. Much rain had fallen over Germany, the Netherlands and E. of France, and a moderate amount on our our southeast coasts, showers in many other places. Lightning had been seen in the SE. of England. Bright Sunshine recorded yesterday was 7.2 hrs. at Valencia, 4.2 hrs. at Stornoway, 3.7 hrs in London and 2 hrs. at Eastbourne.

SEA

Moderate in the NE., slight in the S., smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 7TH SEPTR 1896.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	NONE ISSUED	6 SCOTLAND WEST	NONE ISSUED
1 SCOTLAND EAST		7 ENGLAND N.W.	
2 ENGLAND N.E.		8 ENGLAND S.W.	
3 ENGLAND EAST		9 IRELAND NORTH	
4 MIDLAND COUNTIES		10 IRELAND SOUTH	
5 ENGLAND SOUTH		WARNINGS	NONE ISSUED

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.) Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.) Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.		BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29.94	63	59	WSW	2	bc	2	Valencia	29.92	66	61	WNW	2	bm	3
Sumburgh Head	29.98	54	51	NE	5	c	6	Scilly	29.79	62	60	NW	4	om	3
Stornoway	30.03	61	59	E	3	c	3	Jersey	29.75	63	61	W	5	opg	4
Aberdeen	29.96	56	53	NNW	3	op	3	Hurst Castle ...	29.65	62	61	SW	3	op	2
Shields	29.91	57	56	NE	3	op	3	Dungeness ...	29.69	65	62	SSW	2	bc	1
Ardrossan	29.92	64	61	ESE	2	c	1	North Foreland	29.71	65	61	SSE	2	bc	2
Malin Head ...	29.94	61	58	E	3	bm	0	London (Westminster)	29.68	68	60	S	2	c	*
Belmullet	29.98	60	60	ENE	2	b	*	Yarmouth ...	29.79	62	61	E	2	c	3
Holyhead	29.87	59	56	NE	4	ogm	3	Rochefort ...	29.97	68	66	NSW	6	bc	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Continental information not yet prepared.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.
,, Weekly ,, ,, ,, £1 10 0 ,,

DAILY WEATHER REPORT

for 8 a.m. on Monday, 7th September, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	30.02	?	N	2	b	30.08	+.13	35	32	-6	NW	2	b	*	b	*	48	34	-
	Hernösand ...	30.05	44	Z	0	bc	30.12	+.10	45	43	-1	Z	0	c	*	bc	*	57	43	-
	Stockholm ...	30.10	45	Z	0	b	30.11	+.18	49	46	-2	NNW	2	bc	*	b	*	54	45	-
	Wisby	30.09	49	NNE	6	b	30.15	+.26	51	45	-4	NNW	4	b	*	b	*	55	45	0.08
	Karlstad ...	30.13	49	N	2	b	30.15	+.12	45	43	-4	N	2	b	*	b	*	*	*	-
	Bodö	30.12	44	NSW	2	r	30.03	-.12	45	41	0	S	2	0	1	r	*	48	41	0.20
	Christiansund ...	30.15	50	ENE	5	b	30.16	-.01	46	45	-5	Z	0	b	1	b	*	57	43	-
	Skudesnaes ...	30.12	59	SSW	4	0	30.15	+.19	58	55	+3	S	4	0	2	c	*	62	52	*
	Færder (Christiania Fjord)	30.12	58	N	1	b	30.11	+.06	58	54	+7	SW	2	b	1	b	*	58	51	-
	Skagen (The Scaw)	30.11	56	ENE	1	b	30.15	+.18	56	51	0	Z	0	b	0	b	*	63	46	-
	Fanö	30.03	55	ENE	3	b	30.11	+.23	55	54	+2	E	2	b	*	b	*	?	41	0.20
BRITISH ISLANDS.	Sumburgh Head	? 30.16	52	NE	3	0	30.16	+.04	51	48	-1	NE	3	c	4	0	*	54	48	-
	Stornoway ...	30.14	54	E	4	c	30.13	+.02	51	50	-1	E	2	0	2	b, c	5.9	59	48	-
	Wick	30.10	53	E	2	0	30.09	-.03	50	50	-2	N	2	0	1	0	*	56	48	0.05
	Nairn	30.12	54	E	1	c	30.14	+.04	52	51	0	Z	0	c	1	c	*	58	40	0.05
	Aberdeen ...	30.13	52	NNW	2	0	30.14	+.07	51	49	-1	NW	2	bcw	2	0	0.4	56	46	-
	Leith	30.09	55	ENE	2	0	30.13	+.05	53	50	-1	Z	0	0	*	0	*	57	51	-
	Shields	30.08	55	N	3	op	30.12	+.12	52	51	-3	N	2	d	4	p	*	57	50	0.02
	Spurn Head ...	30.03	56	NNE	3	od	30.06	+.11	61	60	+5	ENE	3	bo	3	op	*	61	55	0.04
	York	30.04	57	N	1	r	30.06	+.07	53	53	-2	N	1	m	*	or	0.0	60	50	0.03
	Loughborough ...	30.05	57	NE	1	0	30.09	+.12	55	54	0	NE	1	ogm	*	odp, gm	*	58	53	-
	Ardrossan ...	30.09	56	Z	0	om	30.10	+.05	54	53	-1	NE	2	om	1	om	*	57	51	-
	Malin Head ...	30.05	57	ESE	4	c	30.07	+.05	55	52	-1	ESE	4	c	2	c	*	61	52	-
	Belmullet ...	30.04	60	ENE	2	b	30.05	+.04	56	55	-2	SE	1	om	*	b	*	62	56	-
	Donaghadee ...	30.09	57	NNE	3	0	30.11	+.06	54	52	-2	ENE	5	0	3	0	*	59	53	-
	Liverpool (Bidston)	30.05	58	N	1	0	30.09	+.08	54	52	-2	E	2	0	3	0	*	59	54	-
	Holyhead ...	30.06	58	NNE	2	c	30.08	+.06	57	55	0	E	2	f	1	c	*	59	54	-
	Parsonstown ...	30.04	62	Z	0	0	30.06	+.03	51	50	-2	Z	0	ow	*	0	0.5	63	46	-
	Valencia ...	30.02	60	W	1	bcm	30.00	-.01	59	55	-2	Z	0	c	1	bcm	6.1	61	51	0.05
	Roche's Point ..	30.04	59	SE	2	b	30.01	-.04	57	56	0	ESE	2	m	2	b	*	64	52	-
	Pembroke (St. Ann's Hd.)	30.00	60	E	2	0	30.03	+.05	57	56	0	ESE	3	og	2	0	0.0	61	56	-
	Scilly	29.97	62	E	1	om	29.94	-.01	60	58	0	E	4	c	1	om	0.0	63	58	-
	Prawle Point ...	30.01	58	ENE	3	0	30.00	+.04	60	59	+1	ENE	4	og	3	og	*	63	57	-
	Jersey (St. Aubin's)	30.01	63	NNE	3	bm	29.99	+.04	64	61	0	E	3	bcmw	3	b, bm	*	66	59	-
	Hurst Castle ...	30.00	62	NNE	2	cm	30.03	+.09	59	56	0	NE	2	cm	2	c	*	64	58	-
	Dungeness ...	29.94	60	NNW	3	c	29.99	+.14	59	58	0	N	3	o	3	c	*	65	54	0.01
	North Foreland	29.96	61	N	4	0	30.01	+.17	62	59	0	N	3	cp	3	0	*	62	57	0.21
	London (Brixton) ...	30.00	59	N	1	0	30.04	+.10	58	56	+1	NE	2	bc	*	odp, o	0.0	60	55	0.01
	Oxford	30.05	58	NE	1	0	30.06	+.11	55	54	-1	NNE	2	o	*	og	*	63	54	-
	Cambridge ...	30.02	59	N	3	0	30.06	+.13	58	57	+2	NNW	1	o	*	o	0.5	63	54	0.01
	Yarmouth ...	29.98	60	N	3	bc	30.03	+.18	60	59	+2	NE	4	cg	3	bc	*	63	58	0.01
GERMANY & HOLLAND.	Cuxhaven ...	29.88	61	ENE	4	c	30.07	+.29	56	56	-1	SE	4	b	*	c	*	63	55	-
	Berlin	29.93	58	Z	0	0	30.08	+.28	55	52	-3	ESE	4	bc	*	0	*	63	52	0.75
	Wiesbaden ...	*	*	*	*	*	30.01	+.17	58	57	+1	Z	0	c	*	*	*	61	54	0.71
	Munich... ..	30.03	57	W	5	0	30.06	+.10	55	55	-4	SW	4	r	*	0	*	64	54	0.08
	The Helder ...	29.93	62	ENE	4	c	30.04	+.25	58	56	-2	E	1	0	1	c	*	63	57	-
BELGIUM.	Brussels ...	*	*	*	*	*	29.99	+.18	61	59	+3	Z	0	f	*	?	*	68	57	-
	Cape Gris Nez...	29.94	64	NE	4	0	29.95	+.15	62	60	+3	E	2	c	1	0	*	66	59	0.20
	Paris	29.97	63	NNW	2	0	30.01	+.18	55	54	-2	SSW	1	m	*	0	*	70	51	-
	Brest	29.97	64	W	1	m	29.91	-.07	58	57	0	E	2	0	3	m	*	66	55	-
	Lorient... ...	30.01	62	NW	2	c	29.95	-.02	56	56	-2	ENE	4	f	2	c	*	63	52	-
FRANCE &	Rochefort ...	30.06	65	W	3	c	29.98	+.02	?	?	?	SE	1	?	*	0.c	*	72	57	-
	Belfort	29.94	57	NSW	3	r	30.01	+.10	55	53	-1	SSW	2	r	*	r	*	59	54	0.55
	Lyons	30.02	64	E	1	0	30.02	+.01	56	54	-1	N	1	b	*	0	*	71	?56	-
	Nice	29.84	69	Z	0	bc	29.93	+.04	64	59	+1	Z	0	b	1	bc	*	79	57	-
	Perpignan ...	30.04	67	SE	2	0	29.99	-.09	59	56	-4	W	2	b	*	0	*	79	53	-
	Biarritz ...	30.02	68	NNE	3	b	29.92	-.13	60	56	-5	ESE	4	b	2	b	*	72	59	-
PENINSULA.	Corunna ...																*			
	Lisbon	30.04	65	NNW	3	b	29.97	-.15	65	63	+2	SSW	3	0	*	b	*	77	63	-
	Azores (P. Delgada)	30.23	69	N	4	bc	30.21		69	63		N	3	c	2	bc	*	75	64	-

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

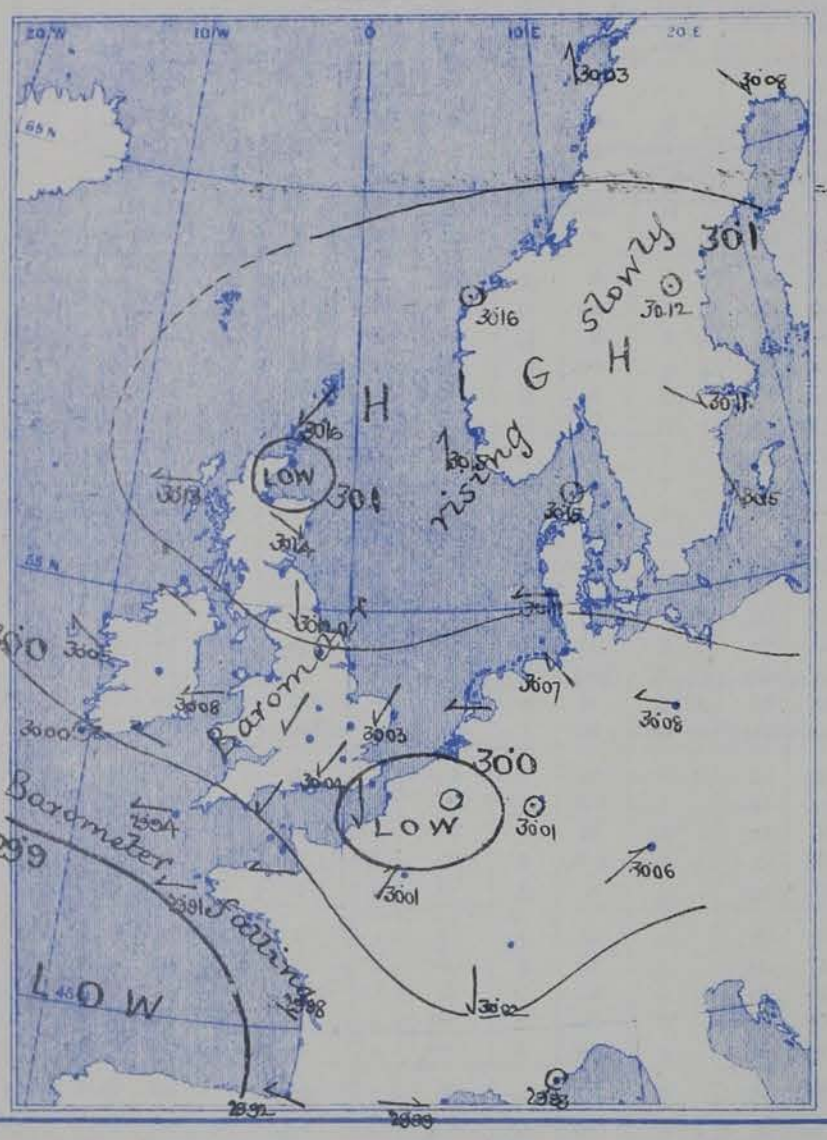
Bright Sunshine yesterday Southport 1.1 hrs; Eastbourne 2.0 hrs. Hastings (St. Leonards) 1.5 hrs.

WEATHER CHARTS

FOR Monday, 7th September, 1896.

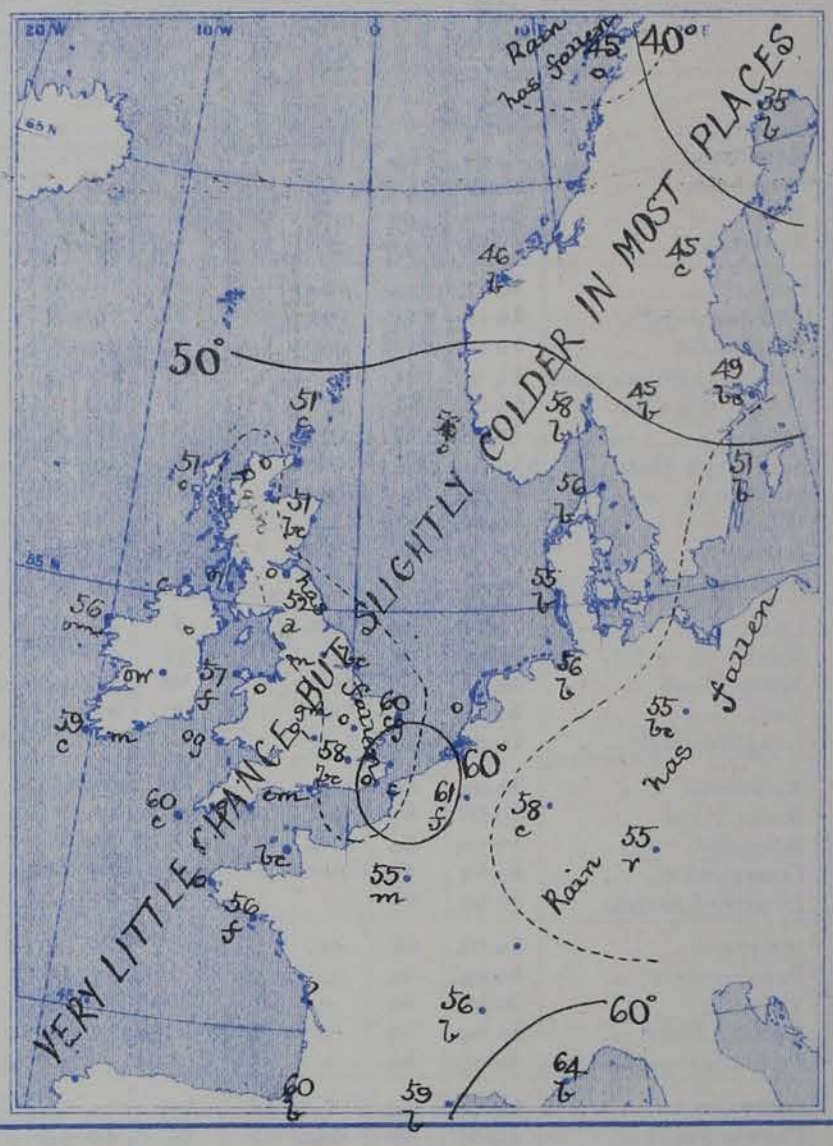
BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.
Force above 10 ⟶ ; *Force 5 to 7* ⟶ ; *Force 8 to 10* ⟶ ; *Force 1 to 4* ⟶ ; Calm ⊙
SEA—*Rough* ; *High*



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.
RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF SEPTEMBER.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of: Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Absolute Extremes: Maximum.	Years.	Minimum.	Years.	RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95. Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29 · 793	50 · 8	49 · 1	55 · 0	46 · 1	68	1880	34	1887, 88	3 · 38	—	—
Stornoway	29 · 814	51 · 5	50 · 2	56 · 5	45 · 8	69	1895	32	1871, 75, 85	4 · 09	103 · 3	27
Wick	29 · 831	52 · 0	50 · 1	57 · 8	45 · 7	74	1884, 91	29	1885, 87	2 · 51	—	—
Nairn	29 · 843	51 · 5	49 · 1	59 · 5	46 · 2	77	1895	25	1892	2 · 48	—	—
Aberdeen	29 · 863	52 · 3	49 · 8	59 · 3	46 · 6	79	1891	30	1887	2 · 89	124 · 2	33
Leith	29 · 887	53 · 3	50 · 8	62 · 0	47 · 5	81	1873, 91	33	1886	2 · 19	—	—
Shields	29 · 910	53 · 2	51 · 0	60 · 1	48 · 2	79	1895	34	1885, 89, 93	2 · 30	—	—
Spurn Head	29 · 947	55 · 6	53 · 8	60 · 7	52 · 5	75*	1895	38*	1892	1 · 83	—	—
York	29 · 896	52 · 9	51 · 0	63 · 2	47 · 5	83	1895	30	1885	2 · 45	118 · 4	32
Loughborough	29 · 971	53 · 6	51 · 9	65 · 4	47 · 6	86*	1891, 95	30*	1885, 94	2 · 50	—	—
Ardrossan	29 · 892	53 · 7	51 · 6	59 · 7	49 · 4	78	1880	32	1885	3 · 38	—	—
Donaghadee	29 · 916	53 · 6	52 · 4	60 · 0	49 · 4	71	1893	36	1882, 94	2 · 74	—	—
Holyhead	29 · 941	55 · 8	53 · 6	60 · 8	52 · 5	78	1880	43	1873, 85	3 · 10	—	—
Liverpool	29 · 947	54 · 7	52 · 0	61 · 5	50 · 9	82	1880	39	1885	3 · 17	—	—
Parsonstown	29 · 948	52 · 8	50 · 9	61 · 7	47 · 2	79	1880	31	1877, 93	2 · 92	124 · 7	33
Valencia	29 · 961	56 · 4	54 · 1	61 · 8	51 · 3	78	1895	38	1872, 93	4 · 38	130 · 4	35
Roche's Point	29 · 963	55 · 6	53 · 4	61 · 7	51 · 0	74	1880	39	1893	3 · 74	—	—
Pembroke	29 · 962	56 · 2	54 · 0	60 · 3	53 · 1	74	1895	40	1885	3 · 32	146 · 5	39
Scilly	29 · 982	58 · 5	56 · 4	62 · 0	54 · 8	72	1880, 93, 95	44	1885, 88	3 · 28	—	—
Prawle Point	30 · 004	57 · 2	55 · 3	62 · 5	52 · 3	76*	1889	36*	1885	2 · 41	—	—
Jersey	30 · 003	60 · 2	57 · 2	65 · 8	54 · 9	86	1895	41	1891	2 · 96	183 · 4	49
Hurst Castle	30 · 002	57 · 3	55 · 7	64 · 6	52 · 3	77	1895	35	1885	2 · 76	—	—
Dover	29 · 981	57 · 9	55 · 5	63 · 7	53 · 2	77	1880	32	1885	2 · 53	—	—
LONDON	29 · 991	55 · 8	53 · 4	66 · 5	49 · 6	87	1880	30	1877	2 · 17	111 · 5†	30†
Oxford	29 · 985	53 · 9	52 · 0	64 · 3	48 · 8	83	1880, 95	33	1885	2 · 43	141 · 0	38
Cambridge	29 · 979	54 · 6	52 · 9	66 · 0	47 · 9	88	1880	31	1885	2 · 13	144 · 2	39
Yarmouth	29 · 959	56 · 4	54 · 4	62 · 3	51 · 3	78	1880	33	1885	2 · 64	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·1 in: and more over Scotland, the northern half of the North Sea and nearly the whole of Scandinavia.
Lowest, 29·9 in: and less, over the southeastern parts of the Bay of Biscay. Very shallow local disturbances found over the Moray Firth, and over Belgium.
Gradients slight. Distribution becoming anticyclonic.
Barometer rising over the North Sea and the Baltic.

TEMPERATURE

Highest, 64° at Nice, 60° at Biarritz, at Prawle Point and Scilly, 50° in London.
Lowest, (1) 35° at Haparanda, 45° at Karlstad, 46° at Christiansund; (2) 50° at Wick, 51° at Parsonstown, 52° at North Shields.
The maxima recorded yesterday were below 60° at the Scotch stations, but touched 62° at Belmullet, 66° at Jersey, 70° at Paris, 79° at Nice.

WIND

N. to E. over our Islands, light to moderate in force, and E., moderate over the Channel and Bay of Biscay.
Variable over Scandinavia, SE. to SW. over Germany.

WEATHER

Rainy in South Germany, rather showery on our northeast and southeast coasts, fair elsewhere, but cloudy in many places.
Much rain has fallen over North Germany, and 0·2 in: at Cape Gris Nez and the North Foreland, slight showers at several of our southern eastern, and northern stations. Bright Sunshine recorded yesterday was about 6 hrs at Valencia and Stornoway – hardly any elsewhere.

SEA

Moderate at some of our northern stations, slight or smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Some further showers are probable at our northeastern and southeastern stations, but as a whole the appearance is much fairer than of late.

FORECASTS

For the 24 hours ending at NOON on 8th SEPT. 1896.

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH 1 SCOTLAND EAST 2 ENGLAND N.E.	Variable airs; weather changeable from fair to rainy.
3 ENGLAND EAST	N. winds; cloudy, rain at times.
4 MIDLAND COUNTIES	Same as Nos. 0 to 2.
5 ENGLAND SOUTH	N. and NE. breezes; heavy clouds, perhaps some rain at times.
6 SCOTLAND WEST 7 ENGLAND N.W. 8 ENGLAND S.W.	NE. and E. breezes, moderate; fair.
9 IRELAND NORTH 10 IRELAND SOUTH	E. and SE. airs; fair as a whole.
WARNINGS	NONE ISSUED.

Note.—The **South Cone**, *point downwards* ( ), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.) Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* ( ), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.) Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	30·06	62	58	SSW	2	0	3
Sumburgh Head							
Stornoway	30·12	59	57	E	3	6	3
Aberdeen							
Shields							
Ardrossan							
Malin Head ...	30·04	60	57	E	4	c	1
Belmullet	30·04	62	59	NNE	2	6	*
Holyhead ...							

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia							
Scilly							
Jersey	29.99	66	62	N	4	6	3
Hurst Castle ...							
Dungeness ...	29.92	59	59	NW	3	c	2
North Foreland	29.92	61	59	NNW	4	0	4
London (Westminster)							*
Yarmouth ...							
Rochefort ...	30.05	68	67	NW	4	0	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Continental Information not yet received.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD FROM THE 30TH AUG^T TO THE 5TH SEP^T. 1896

The distribution of pressure over the British Islands and the neighbourhood has been of a most complex character. Two high pressure systems have been prevalent, one in the northeast or north, the other in the southwest or south, and between the two several depressions, varying both in size and intensity, have appeared from time to time, causing local cyclonic circulations of wind, heavy passing rains, and thunder and lightning in many places. The regions where the rain has been most plentiful have been the northeastern, southeastern, and southern parts of England, and the Channel Islands, the total fall for the week having exceeded 3·2 in: both at Jersey and Hurst Castle, 2·1 in at Oxford, 1·9 in: in London, and 1·5 in: at Yarmouth.

Temperature has not changed very much, though low on some occasions, but the amount of Bright Sunshine has been considerably less than the mean at the English stations.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.
" Weekly " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Tuesday 8th Sept. 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	29.98	46	SW	2	o	29.76	− .32	45	43	+ 10	Z	0	o	*	o	*	48	27	—
	Hernösand ...	30.03	49	Z	0	o	29.92	− .20	50	46	+ 5	W	4	bc	*	o	*	54	36	—
	Stockholm ...	30.12	51	Z	0	o	30.05	− .06	55	51	+ 6	W	2	b	*	o	*	57	43	—
	Wisby														*		*			
	Karlstad ...	30.10	54	Z	0	b	30.05	− .10	55	53	+ 10	SW	2	o	*	b	*	*	*	—
	Bodö	29.85	49	SW	2	r	29.82	− .21	47	45	+ 2	SSW	2	c	2	r	*	49	45	0.24
	Christiansund ...	30.12	51	NW	2	o	30.07	− .09	51	47	+ 5	NW	4	o	3	o	*	54	46	—
	Skudesnaes ...	30.12	57	Z	0	o	30.07	− .08	55	52	− 3	SSW	4	o	2	o	*	61	54	*
	Færder (Christiania Fjord)	30.09	58	SSW	2	b	30.01	− .10	59	57	+ 1	WSW	2	b	1	b	*	61	57	—
	Skagen (The Scaw)	30.13	59	S	2	o	30.11	− .04	54	53	− 2	WSW	1	bc	0	o	*	64	50	—
	Fanö	30.13	55	Z	0	b	30.13	+ .02	53	52	− 2	SE	2	b	*	b	*	68	52	—
	Sumburgh Head	30.11	51	NE	3	c	30.06	− .10	48	46	− 3	N	1	c	2	c	*	53	46	—
	Stornoway ...	30.07	56	E	2	c	30.00	− .13	54	53	+ 3	W	1	o	0	o, c	3.2	61	49	—
	Wick	30.12	50	NE	2	bc	30.05	− .04	53	50	+ 3	S	2	o	1	bc	*	57	46	—
	Nairn	30.09	53	Z	0	o	30.02	− .12	51	51	− 1	Z	0	o	1	o	*	54	48	—
	Aberdeen ...	30.12	52	E	1	og	30.06	− .08	53	50	+ 2	S	2	bc	1	og, p	2.7	55	50	0.02
BRITISH ISLANDS.	Leith	30.08	55	E	1	o	30.03	− .10	54	53	+ 1	E	1	o	*	o	*	56	51	—
	Shields	30.11	55	NE	2	o	30.02	− .10	58	56	+ 6	E	2	c	3	o	*	58	51	—
	Spurn Head ...	30.05	59	NE	4	o	29.99	− .07	60	59	− 1	E	4	b	3	bc, o	*	63	57	—
	York	30.06	61	W	1	c	30.01	− .05	59	57	+ 6	E	2	o	*	c	0.0	63	52	0.01
	Loughborough ...	30.04	61	E	2	c	29.96	− .13	57	56	+ 2	ENE	2	om	*	o, c, ogd	*	63	55	0.03
	Ardrossan ...	30.04	56	NE	2	om	29.99	− .11	54	54	0	NE	3	om	2	om	*	62	52	—
	Malin Head ...	30.03	56	SE	4	og	29.95	− .12	55	54	0	ESE	3	omg	2	og	*	59	54	—
	Belmullet ...	30.00	61	SSE	3	o	29.90	− .15	56	55	0	E	2	o	*	o	*	63	55	—
	Donaghadee ...	30.07	57	ENE	3	o	29.97	− .14	56	55	+ 2	E	5	o	3	o	*	57	53	—
	Liverpool (Bidston)	30.04	60	Z	0	o	29.94	− .15	59	56	+ 5	E	3	o	3	om, f	*	61	54	—
	Holyhead ...	30.03	58	ENE	2	mg	29.91	− .17	58	56	+ 1	NE	3	cm	2	ogm	*	61	55	—
	Parsonstown ...	30.00	58	Z	0	o	29.88	− .18	56	55	+ 5	Z	0	ow	*	o	0.3	60	50	—
	Valencia ...	29.94	61	E	2	o	29.80	− .20	58	56	− 1	ENE	1	rg	1	om, o	1.7	64	55	0.09
	Roche's Point ..	29.98	59	ESE	4	m	29.82	− .19	59	59	+ 2	ESE	5	r	4	m	*	65	56	0.10
	Pembroke (St. Ann's Hd.)	29.98	60	SE	4	o	29.84	− .19	58	56	+ 1	ESE	4	rg	3	o	0.0	62	56	0.02
	Scilly	29.87	61	E	5	o	29.72	− .22	61	59	+ 1	E	5	c	3	c, o	0.8	64	58	0.09
	Prawle Point ...	29.94	60	ENE	4	c	29.80	− .20	60	59	0	ENE	5	rm	4	c, rm	*	62	58	0.07
	Jersey (St. Aubin's)	29.92	65	ENE	5	cm	29.80	− .19	65	62	+ 1	E	4	cm	3	bc, om, pg	*	71	60	0.01
	Hurst Castle ...	29.97	64	ENE	1	bem	29.86	− .17	61	59	+ 2	ENE	2	om	2	om, bem	*	68	58	—
	Dungeness ...	29.95	62	ENE	2	bc	29.88	− .11	63	62	+ 4	ENE	3	m	2	bc, f	*	68	59	—
	North Foreland	29.98	63	NE	2	o	29.92	− .09	62	60	0	SE	2	ow	2	c, o	*	65	58	—
	London (Brixton) ...	30.00	63	ENE	1	bc	29.92	− .12	61	60	+ 3	ENE	2	c	*	c, o	1.2	67	56	—
	Oxford	30.01	59	NE	2	c	29.91	− .15	60	59	+ 5	ENE	1	og	*	c	*	66	55	—
	Cambridge ...	30.02	62	NNE	1	d	29.95	− .11	58	57	0	E	2	ogm	*	c, d	3.5	67	56	0.07
	Yarmouth ...	30.02	60	E	4	c	29.97	− .06	60	58	0	E	4	bc	3	c	*	62	58	0.01
GERMANY & HOLLAND.	Cuxhaven ...	30.08	61	SE	2	c	30.10	+ .03	52	52	− 4	SE	3	b	*	c	*	63	52	—
	Berlin	30.15	57	E	3	c	30.15	+ .07	55	50	0	SE	3	c	*	c	*	63	52	—
	Wiesbaden ...	*	*	*	*	*	30.02	+ .01	58	56	0	Z	0	o	*	*	*	66	54	—
	Munich... ..	30.10	54	SE	1	b	30.06	.00	51	50	− 4	E	3	bc	*	b	*	63	43	0.32
	The Helder ...	30.04	62	E	1	b	30.00	− .04	60	58	+ 2	ESE	1	bc.	1	b	*	64	57	—
BELGIUM.	Brussels ...	*	*	*	*	*	29.95	− .04	62	59	+ 1	SE	1	b	*	o	*	71	56	—
	Cape Gris Nez...	29.93	62	N	1	bc	29.89	− .06	60	58	− 2	SE	1	m	1	bc	*	68	57	—
	Paris	29.96	64	E	1	b	29.89	− .12	59	57	+ 4	E	1	c	*	b	*	69	55	—
	Brest	29.85	62	SE	2	r	29.70	− .21	61	60	+ 3	E	4	b	3	r	*	64	55	0.12
	Lorient... ...	29.87	63	Z	0	r	29.73	− .22	61	60	+ 5	SE	5	b	2	r	*	66	55	0.35
FRANCE &	Rochefort ...	29.81	76	S	2	c	29.76	− .22	64	63	?	SE	3	b	*	c	*	86	63	0.28
	Belfort ...	29.95	61	E	2	m	29.88	− .13	55	54	0	NE	2	m	*	m	*	71	51	—
	Lyons ...	29.96	65	E	1	b	?	?	58	56	+ 2	SSE	1	b	*	b	*	73	53	—
	Nice	29.96	65	?	?	b	30.00	+ .07	65	60	+ 1	Z	0	b	1	b	*	75	59	—
	Perpignan ...	29.91	67	NE	1	c	29.89	− .10	66	66	+ 7	Z	0	o	*	c	*	76	63	—
	Biarritz ...	29.75	80	E	4	bc	29.78	− .14	70	64	+ 10	SE	3	c	1	bc, tlr	*	88	60	0.12
PENIN-SULA.	Corunna ...																*			
	Lisbon	29.94	65	SW	4	o	29.97	.00	66	63	+ 1	WSW	4	c	*	o	*	73	64	—
	Azores (P. Delgada)	30.23	69	NNE	4	b	30.20	− .01	68	63	− 1	NW	1	bc	1	b	*	75	64	0.04

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

Bright Sunshine yesterday Southport 0.3 *hrs; Eastbourne* 2.9 *hrs; Hastings (St. Leonards)* 1.5 *hrs.*

WEATHER CHARTS

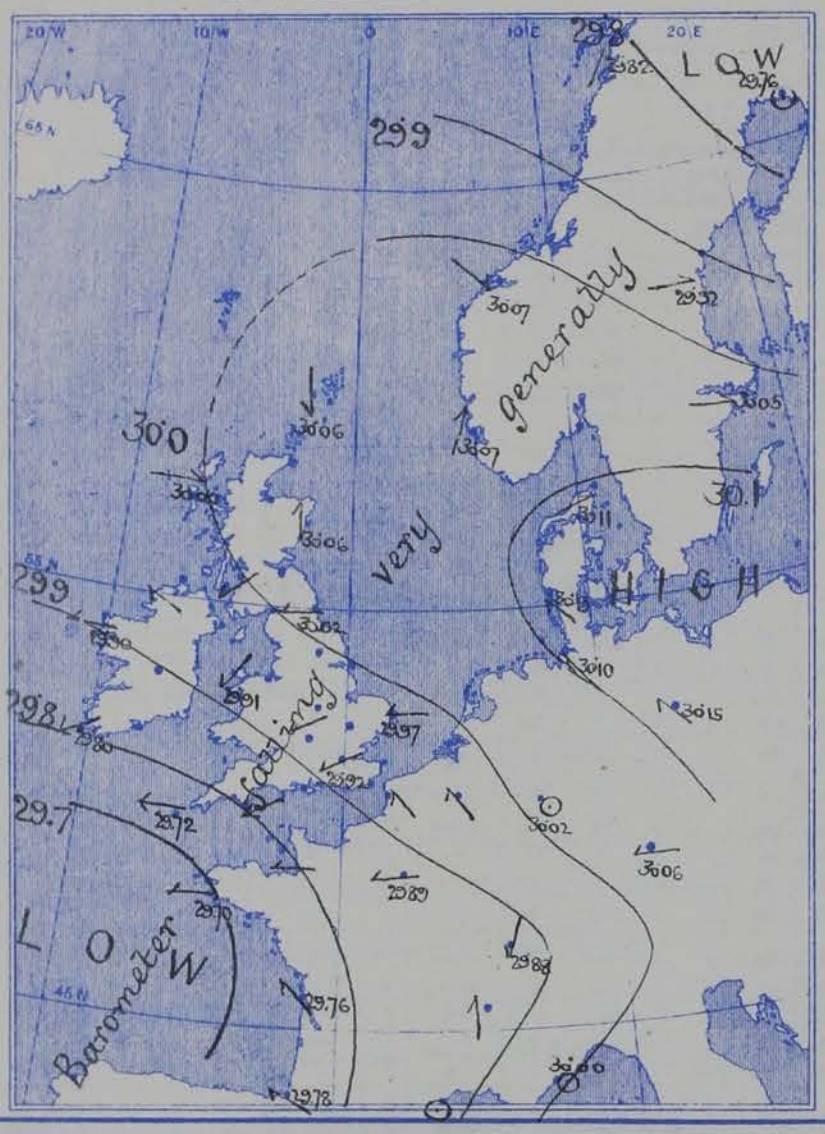
FOR Tuesday 8th September, 1896.

BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.

Force above 10 ; *Force 5 to 7* ; *Force 8 to 10* ; *Force 1 to 4* ; } Calm ⊙

SEA—Rough ; *High*



TEMPERATURE & WEATHER.

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WEATHER—Shown by Letters of the Beaufort Scale.
RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.

VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF SEPTEMBER.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of: Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Absolute Extremes: Maximum.	Years.	Minimum.	Years.	RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95. Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29 · 793	50 · 8	49 · 1	55 · 0	46 · 1	68	1880	34	1887, 88	3 · 38	—	—
Stornoway	29 · 814	51 · 5	50 · 2	56 · 5	45 · 8	69	1895	32	1871, 75, 85	4 · 09	103 · 3	27
Wick	29 · 831	52 · 0	50 · 1	57 · 8	45 · 7	74	1884, 91	29	1885, 87	2 · 51	—	—
Nairn	29 · 843	51 · 5	49 · 1	59 · 5	46 · 2	77	1895	25	1892	2 · 48	—	—
Aberdeen	29 · 863	52 · 3	49 · 8	59 · 3	46 · 6	79	1891	30	1887	2 · 89	124 · 2	33
Leith	29 · 887	53 · 3	50 · 8	62 · 0	47 · 5	81	1873, 91	33	1886	2 · 19	—	—
Shields	29 · 910	53 · 2	51 · 0	60 · 1	48 · 2	79	1895	34	1885, 89, 93	2 · 30	—	—
Spurn Head	29 947	55 · 6	53 · 8	60 · 7	52 · 5	75*	1895	38*	1892	1 · 83	—	—
York	29 · 896	52 · 9	51 · 0	63 · 2	47 · 5	83	1895	30	1885	2 · 45	118 · 4	32
Loughborough	29 · 971	53 · 6	51 · 9	65 · 4	47 · 6	86*	1891, 95	30*	1885, 94	2 · 50	—	—
Ardrossan	29 · 892	53 · 7	51 · 6	59 · 7	49 · 4	78	1880	32	1885	3 · 38	—	—
Donaghadee	29 · 916	53 · 6	52 · 4	60 · 0	49 · 4	71	1893	36	1882, 94	2 · 74	—	—
Holyhead	29 · 941	55 · 8	53 · 6	60 · 8	52 · 5	78	1880	43	1873, 85	3 · 10	—	—
Liverpool	29 · 947	54 · 7	52 · 0	61 · 5	50 · 9	82	1880	39	1885	3 · 17	—	—
Parsonstown	29 · 948	52 · 8	50 · 9	61 · 7	47 · 2	79	1880	31	1877, 93	2 · 92	124 · 7	33
Valencia	29 · 961	56 · 4	54 · 1	61 · 8	51 · 3	78	1895	38	1872, 93	4 · 38	130 · 4	35
Roche's Point	29 · 963	55 · 6	53 · 4	61 · 7	51 · 0	74	1880	39	1893	3 · 74	—	—
Pembroke	29 · 962	56 · 2	54 · 0	60 · 3	53 · 1	74	1895	40	1885	3 · 32	146 · 5	39
Scilly	29 · 982	58 · 5	56 · 4	62 · 0	54 · 8	72	1880, 93, 95	44	1885, 88	3 · 28	—	—
Prawle Point	30 · 004	57 · 2	55 · 3	62 · 5	52 · 3	76*	1889	36*	1885	2 · 41	—	—
Jersey	30 · 003	60 · 2	57 · 2	65 · 8	54 · 9	86	1895	41	1891	2 · 96	183 · 4	49
Hurst Castle	30 · 002	57 · 3	55 · 7	64 · 6	52 · 3	77	1895	35	1885	2 · 76	—	—
Dover	29 · 981	57 · 9	55 · 5	63 · 7	53 · 2	77	1880	32	1885	2 · 53	—	—
LONDON	29 · 991	55 · 8	53 · 4	66 · 5	49 · 6	87	1880	30	1877	2 · 17	111 · 5†	30†
Oxford	29 · 985	53 · 9	52 · 0	64 · 3	48 · 8	83	1880, 95	33	1885	2 · 43	141 · 0	38
Cambridge	29 · 979	54 · 6	52 · 9	66 · 0	47 · 9	88	1880	31	1885	2 · 13	144 · 2	39
Yarmouth	29 · 959	56 · 4	54 · 4	62 · 3	51 · 3	78	1880	33	1885	2 · 64	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.1 ins. and upwards in an anticyclone lying over Denmark, Germany, the Baltic & the S. of Sweden.
Lowest 29.7 ins. and less in a depression lying off our extreme SW. coasts, 29.8 ins. and less in another system over the north of Scandinavia.
Gradients slight. Barometer falling generally, – most in the neighbourhoods of the depressions mentioned above.

TEMPERATURE

Highest 70° at Biarritz, 66° at Perpignan, 65° at Jersey and Nice, 64° at Rochefort, and 63° at Dungeness.
Lowest 45° at Haparanda, 47° at Bodö, 48° at Sumburgh Hd., 50° at Hernösand, and 51° at Christiansund & Naim.
During yesterday the thermometer rose to 65° and upwards at most of our S^rn stations, and to 71° at Jersey. On our extreme N. and NW. coasts it did not reach 60°.

WIND

SE^ly over France, Germany and the Netherlands, and E^ly over the greater part of our Islands; light or moderate in force generally, but fresh on our southwest coasts.
Light from the S^rn in the NE. of Scotland, moderate from the SW^rn or W^rn in Scandinavia.

WEATHER

Dull over the greater part of the United Kingdom, with rain at most of the SW^rn stations; thunder reported along the west coasts of France.
Fine on the E. coasts of Gt. Britain, as well as over Sweden, Denmark, Germany, the Netherlands & the E. of France.
Since yesterday morning a little rain has fallen in most parts of England and Ireland, and larger amounts at some of the French and German stations, with a thunderstorm at Biarritz.

SEA

Moderate on our southwest coasts, but slight or smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression off our southwest coasts is spreading slowly eastwards, and seems likely to occasion rain over the greater part of Ireland & England, with freshening E^ly winds in the south.

FORECASTS

For the 24 hours ending at NOON on 9th Septr 1896.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	SE^ly and E^ly winds, light or moderate, cloudy, cool.	6 SCOTLAND WEST	Same as No^s 0 and 1.
1 SCOTLAND EAST		7 ENGLAND N.W.	E^ly winds, freshening, dull, unsettled, some rain.
2 ENGLAND N.E.	Same as No. 5.	8 ENGLAND S.W.	E^ly winds, strong, dull, rainy, thunder locally.
3 ENGLAND EAST		9 IRELAND NORTH	Same as No. 7.
4 MIDLAND COUNTIES		10 IRELAND SOUTH	Same as No. 8.
5 ENGLAND SOUTH	E^ly winds, freshening, weather becoming dull and rainy; possibly thunder.	WARNINGS	None issued.

Note.—The **South Cone**, *point downwards* ( ), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* ( ), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	30·13	61	58	S	2	o	2
Sumburgh Head	30·11	52	49	NE	3	c	3
Stornoway	30·10	57	55	ESE	2	o	2
Aberdeen	30·13	53	50	E	1	og	2
Shields	30·12	56	53	NE	2	o	4
Ardrossan	30·07	61	59	NE	2	o	1
Malin Head ...	30·06	57	55	E	3	o	2
Belmullet	30·04	61	58	S	1	o	*
Holyhead	30·07	60	57	NE	2	ogm	1

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	29·97	63	59	2	0	om	1
Scilly	29·90	64	60	E	4	c	2
Jersey	29·94	68	63	ESE	3	bc	3
Hurst Castle ...	30·00	68	63	ENE	2	cm	3
Dungeness ...	29·97	67	63	NNE	2	bc	1
North Foreland	30·01	64	60	NE	2	c	2
London (Westminster)	30·01	65	60	NNE	1	o	*
Yarmouth ...	30·03	62	60	ENE	4	c	3
Rochefort ...	29·93	80	72	SSW	3	c	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning cloudy or dull over the United Kingdom generally, with mist on our west and south coasts, and with a little rain at some of the eastern and southeastern stations. Fair or fine over the greater part of the Continent, but dull in Russia, the eastern and southern parts of Germany and the E. of France, with rain at Munich and Belfort. Slight rain falling later in many parts of England and Ireland, and larger amounts at some of the French and S. German stations, with a thunderstorm at Biarritz.

Temperature fallen a little generally. Morning readings highest 78° at Athens, 77° at Brindisi, and 75° at Barcelona, Malta and Algiers; above 65° over S^rn. Europe generally, and above 60° on some parts of our own east and south coasts. Lowest 35° at Haparanda and Uleaborg, 36° at Kuopio, 37° at Archangel, and 34° at Helsingfors and S^t. Petersburg. Daily maxima below 60° on our extreme N. and NW. coasts, but thermometer exceeding 65° in the south of our Islands, and reaching 71° at Jersey. Rising to 75° or more in the south of France, and to 88° at Biarritz.

Wind light to moderate from the E^wd. over Ireland, England, the Netherlands, Germany and the greater part of France; S^ly. or SW^ly. in Spain; W^ly. in the extreme south of France. N^ly. or NW^ly. in the NE. of Scotland; S^ly. in the south of Norway; variable over the N^rn. parts of Scandinavia. N^ly. or NW^ly. in Russia, W^ly. over the greater part of Austria and Italy. Subsequently veering to the SE^wd. or S^wd. in the W. of France; no important change occurring elsewhere.

Barometer highest 30.1 ins. and upwards in a large anticyclone covering Scandinavia, Denmark, the Baltic, the North Sea and the N^rn. parts of Gt. Britain. Lowest 29.6 ins. and less in a large area lying over Russia; 29.8 ins. and less in a shallow depression lying off the NW. of Spain; 30.0 ins. and less in another shallow system over the Netherlands. Spanish depression subsequently spreading E^wds. and NE^wds., and barometer falling over W^rn. Europe generally.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

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DAILY WEATHER REPORT

for 8 a.m. on Wednesday, 9th September, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	29.89	37	N	2	b	30.05	+.29	37	35	-.8	N	2	b	*	b	*	52	36	-
	Hernösand ...	29.90	51	W	2	c	29.97	+.05	47	45	-3	NW	4	r	*	c	*	63	45	0.04
	Stockholm ...	29.97	57	SW	2	0	29.96	-.09	55	53	0	L	0	0	*	0	*	64	46	0.04
	Wisby														*		*			
	Karlstad ...	29.96	56	SSW	4	b	29.97	-.07	55	53	0	W	2	or	*	b	*	*	*	-
	Bodö	29.96	49	L	0	c	30.05	+.23	47	45	0	NE	1	b	1	c	*	50	43	-
	Christiansund ...	30.02	50	W	6	0	30.06	-.01	49	47	-2	WSW	4	c	3	0	*	54	48	0.16
	Skudesnaes ...	30.02	54	L	0	0	30.02	-.05	53	51	-2	L	0	c	1	c.0	*	57	48	*
	Færder (Christiania Fjord)	29.93	60	WSW	4	b	29.95	-.06	55	54	-4	NNE	4	m	2	b	*	63	52	-
	Skagen (The Scaw)	30.04	55	W	2	bc	30.00	-.11	55	54	+1	W	1	bc	0	bc	*	63	52	-
	Fanö	30.03	54	SE	2	b	29.94	-.19	53	52	0	E	2	b	*	b	*	68	50	-
	Sumburgh Head	30.02	50	NE	1	c	29.96	-.10	52	50	+4	NE	4	c	3	c	*	52	46	-
	Stornoway ...	29.96	56	E	3	0	29.83	-.17	52	52	-2	E	2	bc	2	0	0.8	60	45	-
	Wick	30.09	52	SE	2	0	29.92	-.18	54	51	+1	SE	3	0	2	0	*	55	50	-
	Nairn	29.94	56	NE	1	c	29.85	-.17	58	52	+7	E	1	0	1	c	*	60	46	-
	Aberdeen ...	30.00	52	SE	1	og	29.88	-.18	55	54	+2	ESE	4	og	4	c.r.g.p	1.1	56	51	0.04
BRITISH ISLANDS.	Leith	29.91	56	E	3	bc	29.78	-.25	57	54	+3	ENE	2	0	*	bc	*	57	53	-
	Shields	29.92	57	E	3	0	29.76	-.26	57	55	-1	NE	2	r	3	c 0	*	62	56	0.01
	Spurn Head ...	29.86	60	ENE	3	0	29.66	-.33	60	59	0	E	5	0	5	bc.or	*	63	58	0.35
	York	29.87	61	E	1	bc	29.67	-.34	59	58	0	E	2	0	*	c.bc.r	3.3	69	56	0.21
	Loughborough ...	29.82	61	E	2	0	29.63	-.33	60	59	+3	E	1	ogm	*	om.gmp	*	62	57	0.14
	Ardrossan ..	29.86	56	NE	4	om	29.69	-.30	59	58	+5	NE	3	om	2	om	*	61	53	0.02
	Malin Head ...	29.82	57	SE	4	om	29.66	-.29	56	55	+1	E	5	om	2	om	*	57	55	-
	Belmullet ...	29.75	59	E	2	om	29.62	-.28	57	56	+1	ENE	3	0	*	om	*	61	55	0.27
	Donaghadee ...	29.82	60	E	4	0	29.64	-.33	58	57	+2	E	6	0	4	0	*	61	55	-
	Liverpool (Bidston)	29.79	61	E	3	0	29.58	-.36	58	57	-1	E	4	c	4	c.op	*	64	57	0.11
	Holyhead ...	29.76	61	E	4	opm	29.56	-.35	59	58	+1	E	3	gd	2	ogm.mp	*	63	56	0.07
	Parsonstown ...	29.76	60	L	0	0	29.56	-.32	57	57	+1	E	1	0	*	or	0.0	61	55	0.42
	Valencia ...	29.61	60	E	3	r	29.49	-.31	62	58	+5	E	3	c	2	rg.pg	0.0	63	56	0.58
	Roche's Point ..	29.64	59	ESE	5	p	29.52	-.30	60	59	+1	ESE	4	0	4	d.p	*	60	58	0.35
	Pembroke (St. Ann's Hd.)	29.68	61	SE	4	r	29.52	-.32	59	59	+1	S	1	of	2	or	0.0	62	58	0.28
	Scilly	29.60	61	ESE	3	c	29.47	-.23	62	60	+1	SSW	1	c	1	c	1.8	64	57	0.05
	Prawle Point ...	29.67	60	E	3	c	29.50	-.30	59	58	-1	SW	4	c	3	r.tlp	*	61	57	0.38
	Jersey (St. Aubin's)	29.71	62	E	3	cptg	29.63	-.17	62	60	-3	SSW	6	bcp	5	o.tlp	*	72	61	0.25
	Hurst Castle ...	29.70	64	E	1	gmf	29.58	-.28	63	59	+2	S	4	opd	2	rm.tlr	*	69	60	0.53
	Dungeness ...	29.75	63	ENE	4	c	29.67	-.21	65	62	+2	S	4	c	3	m.tlr	*	67	62	0.05
	North Foreland	29.79	64	E	2	0	29.67	-.25	66	63	+4	S	2	c	2	c.ot	*	66	61	0.06
	London (Brixton) ...	29.77	64	E	1	og	29.64	-.28	62	61	+1	SSE	3	bc	*	c.p.tlr	2.2	71	58	0.21
	Oxford	29.74	62	E	3	c	29.59	-.32	61	60	+1	SSE	6	og	*	c.tlr	*	69	58	0.70
	Cambridge ...	29.81	64	E	1	b	29.64	-.31	62	61	+4	ESE	1	ogm	*	c.tlr	1.7	67	57	0.19
	Yarmouth ...	29.85	62	E	3	bo	29.68	-.29	62	60	+2	SE	5	c	4	bc.tlr	*	64	59	0.20
GERMANY & HOLLAND.	Cuxhaven ...	29.99	61	E	3	b	29.90	-.20	54	54	+2	ESE	3	b	*	b	*	63	52	-
	Berlin	30.04	60	E	3	bc	29.97	-.18	55	52	0	E	3	b	*	bc	*	64	50	-
	Wiesbaden ...	*	*	*	*	*	29.89	-.13	58	57	0	L	0	0	*	*	*	66	57	0.12
	Munich... ..	29.99	59	SSW	2	0	30.04	-.02	58	57	+7	W	2	bc	*	0	*	66	51	0.04
	The Helder ...	29.88	63	ENE	2	b	29.78	-.22	61	59	+1	E	2	bc	1	b	*	66	59	-
BELGIUM.	Brussels ...	*	*	*	*	*	29.79	-.16	63	61	+1	SSE	2	r	*	b	*	75	60	0.04
	Cape Gris Nez...	?	64	E	1	m	29.68	-.21	63	62	+3	S	2	bc	2	m	*	72	60	0.04
	Paris	29.77	71	SE	2	bc	29.81	-.08	62	59	+3	S	2	bc	*	bc	*	77	58	-
	Brest	29.64	62	SSE	3	c	29.58	-.12	59	58	-2	SSW	3	c	3	c	*	66	55	0.20
	Lorient... ...	29.65	66	SSE	4	0	29.63	-.10	54	54	-7	NW	6	0	3	0	*	?	54	0.47
FRANCE &	Rochefort ...	29.70	70	SSW	4	bc	29.79	+.03	66	66	+2	SW	4	0	*	o.bc	*	79	64	0.08
	Belfort	29.84	66	NE	2	0	29.91	+.03	60	58	+5	L	0	bc	*	0	*	73	55	0.04
	Lyons	29.84	69	S	3	bc	29.94	?	62	58	+14	SSE	1	b	*	bc.tlr	*	77	58	0.04
	Nice	29.98	66	SW	1	b	30.02	+.02	62	60	-3	NE	1	b	0	b	*	73	59	-
	Perpignan ...	29.76	71	S	1	0	29.95	+.06	66	64	0	L	0	0	*	0	*	83	59	-
	Biarritz ...	29.70	58	L	0	b	29.86	+.08	69	67	-1	SSE	3	b	0	b.l	*	82	63	-
PENINSULA.	Corunna ...																*			
	Lisbon	30.02	65	NNW	2	b	30.00	+.03	61	60	-5	[illegible]	2	f	*	b	*	72	59	-
	Azores (P. Delgada)	30.15	69	NW	1	b	30.08	-.12	69	63	1	NNE	4	c	2	b	*	75	64	-

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

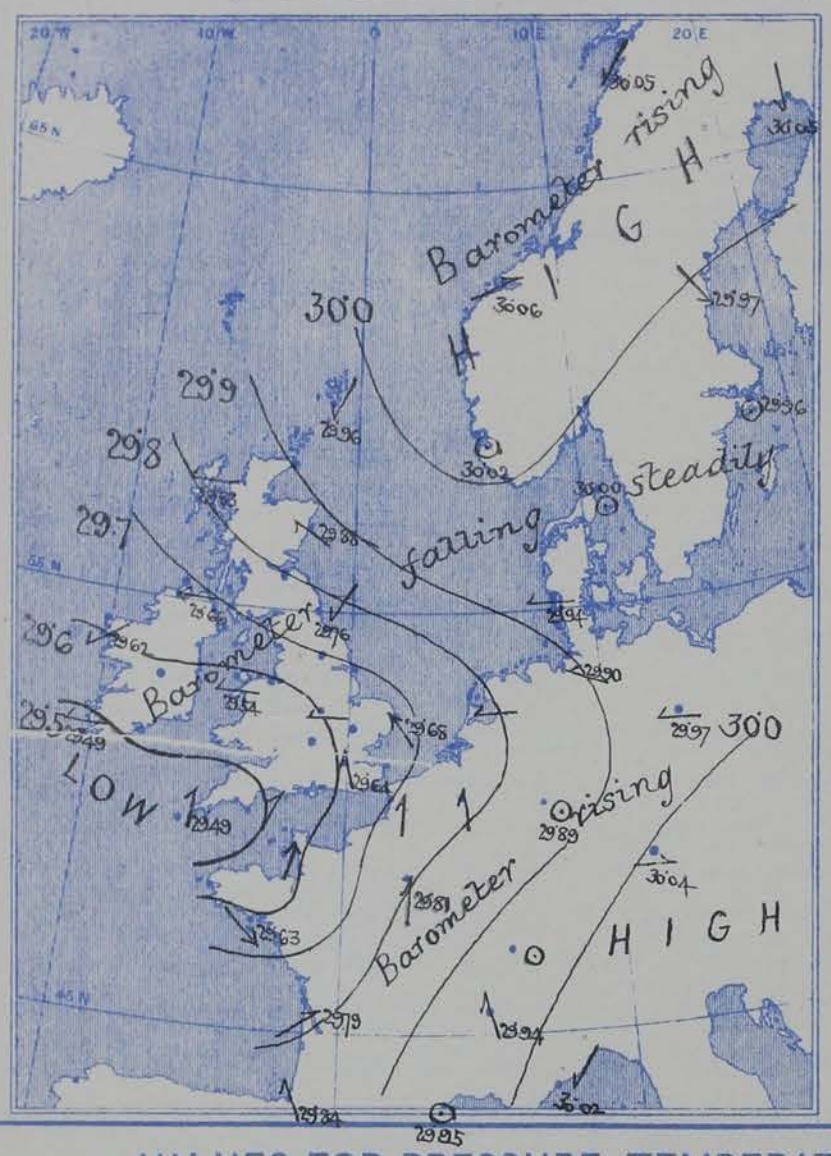
Bright Sunshine yesterday Southport 0.3 hrs; Eastbourne 3.4 hrs. Hastings (St. Leonards) 1.7 hrs.

WEATHER CHARTS

FOR Wednesday, 9th September, 1896.

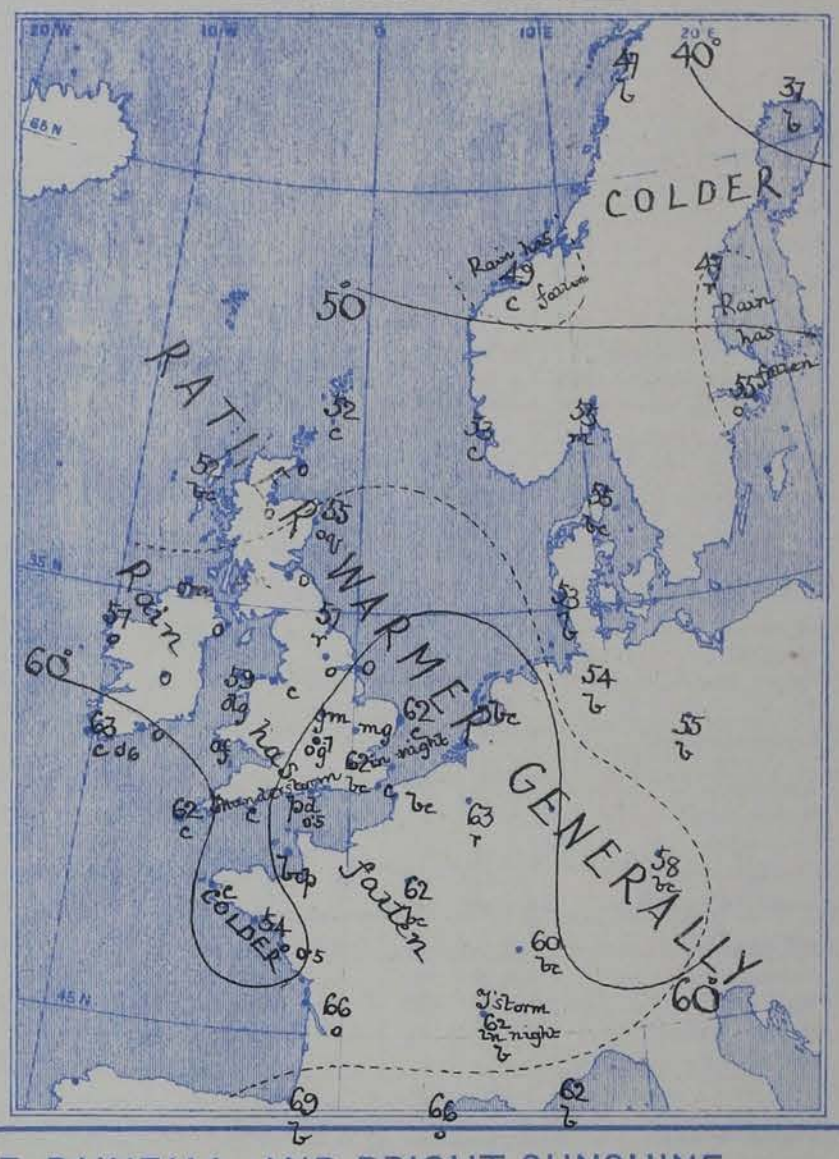
BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.
Force above 10 ; *Force 5 to 7* ; *Force 8 to 10* ; *Force 1 to 4* ; Calm ⊙
SEA—Rough ; *High*



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.
RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF SEPTEMBER.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Absolute Extremes. Maximum.	Years.	Minimum.	Years.	RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95. Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29·793	50·8	49·1	55·0	46·1	68	1880	34	1887, 88	3·38	—	—
Stornoway	29·814	51·5	50·2	56·5	45·8	69	1895	32	1871, 75, 85	4·09	103·3	27
Wick	29·831	52·0	50·1	57·8	45·7	74	1884, 91	29	1885, 87	2·51	—	—
Nairn	29·843	51·5	49·1	59·5	46·2	77	1895	25	1892	2·48	—	—
Aberdeen	29·863	52·3	49·8	59·3	46·6	79	1891	30	1887.	2·89	124·2	33
Leith	29·887	53·3	50·8	62·0	47·5	81	1873, 91	33	1886	2·19	—	—
Shields	29·910	53·2	51·0	60·1	48·2	79	1895	34	1885, 89, 93	2·30	—	—
Spurn Head	29·947	55·6	53·8	60·7	52·5	75*	1895	38*	1892	1·83	—	—
York	29·896	52·9	51·0	63·2	47·5	83	1895	30	1885	2·45	118·4	32
Loughborough	29·971	53·6	51·9	65·4	47·6	86*	1891, 95	30*	1885, 94	2·50	—	—
Ardrossan	29·892	53·7	51·6	59·7	49·4	78	1880	32	1885	3·38	—	—
Donaghadee	29·916	53·6	52·4	60·0	49·4	71	1893	36	1882, 94	2·74	—	—
Holyhead	29·941	55·8	53·6	60·8	52·5	78	1880	43	1873, 85	3·10	—	—
Liverpool	29·947	54·7	52·0	61·5	50·9	82	1880	39	1885	3·17	—	—
Parsonstown	29·948	52·8	50·9	61·7	47·2	79	1880	31	1877, 93	2·92	124·7	33
Valencia	29·961	56·4	54·1	61·8	51·3	78	1895	38	1872, 93	4·38	130·4	35
Roche's Point	29·963	55·6	53·4	61·7	51·0	74	1880	39	1893	3·74	—	—
Pembroke	29·962	56·2	54·0	60·3	53·1	74	1895	40	1885	3·32	146·5	39
Scilly	29·982	58·5	56·4	62·0	54·8	72	1880, 93, 95	44	1885, 88	3·28	—	—
Prawle Point	30·004	57·2	55·3	62·5	52·3	76*	1889	36*	1885	2·41	—	—
Jersey	30·003	60·2	57·2	65·8	54·9	86	1895	41	1891	2·96	183·4	49
Hurst Castle	30·002	57·3	55·7	64·6	52·3	77	1895	35	1885	2·76	—	—
Dover	29·981	57·9	55·5	63·7	53·2	77	1880	32	1885	2·53	—	—
LONDON	29·991	55·8	53·4	66·5	49·6	87	1880	30	1877	2·17	111·5†	30†
Oxford	29·985	53·9	52·0	64·3	48·8	83	1880, 95	33	1885	2·43	141·0	38
Cambridge	29·979	54·6	52·9	66·0	47·9	88	1880	31	1885	2·13	144·2	39
Yarmouth	29·959	56·4	54·4	62·3	51·3	78	1880	33	1885	2·64	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·0 in: and upwards, in an anticyclone lying over all the more western and northern parts of Scandinavia, and also in another system over Switzerland and the neighbouring parts of France and Germany.
Lowest, 29·5 in: and less, in a complex depression lying off our extreme southwest coasts.
Gradients slight but irregular. Barometer rising in France and steady in the south of our Islands, but falling in nearly all other parts of our area.

TEMPERATURE

Highest, (1) 69° at Biarritz and 66° at Perpignan; (2) 66° at the North Foreland, 65° at Dungeness, and 63° at Hurst Castle and Cape Gris Nez.
Lowest, 37° at Haparanda, 47° at Hernösand and Bodö, 49° at Christiansund, 52° at Sumburgh Hd. and Stornoway, and 53° at Fanö.
During yesterday the thermometer rose to 65° and upwards at many of the English stations, to 71° in London, and 72° at Jersey.

WIND

S. over the south of England and the greater part of France; light or moderate in force generally, but strong in a few places.
E. in all other parts of the United Kingdom, as well as in Denmark, North Germany, and the Netherlands.
Variable at the Scandinavian stations

WEATHER

Cloudy or dull in most part of our Islands, with rain at Shields and passing showers at some of the Channel stations.
Fair or fine over the western parts of the Continent generally; dull in Sweden, with rain at Hernösand and Karlstad.
Since yesterday morning rain has fallen in all but the extreme northern parts of the United Kingdom, as well as at many of the French and German stations. Smart thunderstorms occurred last night over the south and east of England and also at Cypres, the accompanying rainfall being as much as 0·7 in: at Oxford.

SEA

Moderate or slight generally, but rather rough at Spurn Hd. and Jersey.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression in the southwest is now inclined to spread northwards. Unsettled weather is probable over the United Kingdom generally, with thunder in many parts of Great Britain.

FORECASTS

For the 24 hours ending at NOON on 10th SEPTR. 1896.

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	E. winds, moderate; fair at first, some rain later.
1 SCOTLAND EAST 2 ENGLAND N.E.	E. winds, moderate or fresh; dull, some rain, thunder locally.
3 ENGLAND EAST 4 MIDLAND COUNTIES 5 ENGLAND SOUTH	S. winds, moderate or fresh, close, unsettled, some showers, thunder locally.
6 SCOTLAND WEST 7 ENGLAND N.W.	Same as Nos 1 and 2
8 ENGLAND S.W.	Varying S. breezes, changeable some showers, possibly thunder.
9 IRELAND NORTH 10 IRELAND SOUTH	E. winds, moderate or fresh; dull, unsettled, some rain.
WARNINGS	NONE ISSUED.

Note.—The **South Cone**, *point downwards* ( ), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* ( ), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	30.06	57	54	SSW	4	c	3
Sumburgh Head	30.04	51	48	NE	1	c	2
Stornoway	29.97	57	55	ESE	1	c	1
Aberdeen	30.03	54	51	SSE	3	c	2
Shields	29.97	60	58	E	2	c	3
Ardrossan	29.91	61	60	NE	4	o	2
Malin Head ...	29.86	57	56	SE	4	o	3
Belmullet	29.84	60	58	ENE	1	o m	*
Holyhead	29.84	62	59	E	4	o g m	3
Valencia	29.70	61	59	ENE	2	gr	3
Scilly	29.66	63	61	E	4	c	3
Jersey	29.74	69	66	ESE	3	o	3
Hurst Castle ...	29.80	66	62	ESE	3	r m	2
Dungeness ...	29.82	67	65	ENE	3	m	2
North Foreland	29.86	64	60	E	2	c	2
London (Westminster)	29.83	68	63	E	2	c	*
Yarmouth ...	29.89	64	61	E	3	bc	3
Rochefort ...	29.74	75	71	SSW	4	o	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning dull over the greater part of the United Kingdom, with rain at most of the southwestern stations; thunder reported along the west coasts of France. Fine at some of our east coast stations, and also over the greater part of the Continent, but dull in the extreme north of Europe, as well as in Poland and Eastern Austria, with rain at Hermanstadt. Rain falling later in all but the extreme northern parts of the United Kingdom and also at many of the French and German stations; thunderstorms occurring at night over the south and east of England.

Temperature rises in most of the western and northern countries, but falls elsewhere. Morning readings highest 79° at Athens, 78° at Madrid, and 77° at Patras and Malta; above 65° over Southern Europe generally, and above 60° in the south of England. Lowest 38° at St Petersburg, 40° at Kropio, 41° at Riga, and 42° at Ulestorp. Rising during day to 65° and upwards at most of the English stations, and to 72° at Jersey. Exceeding 75° in France, and reaching 83° at Perpignan.

Wind light to moderate from the SW^d over the Spanish Peninsula, from the SE^d over France, Germany, and the Netherlands, and from the E^d over the greater part of our Islands. S^d in the northeast of Scotland, SW^d or W^d in Scandinavia, NW^d in Russia as well as in most parts of Italy. Subsequently veering to the S^d or SW^d in the east of France, no important change occurring elsewhere.

Barometer highest 30·10 ins. to 30·25 ins. in an anticyclone over Denmark, the Baltic, Eastern Germany, and the east and south of Russia. Lowest 29·7 ins. and less, in a depression lying to the southwestward of our Islands, 29·8 ins. and less, in another disturbance over Lapland. Depression in southwest subsequently spreading eastwards, and barometer falling over Western Europe generally.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; y. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.
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DAILY WEATHER REPORT

for 8 a.m. on Thursday, 10th September, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	30.18	39	SW	0	bc	30.20	+.15	48	44	+11	W	2	c	*	bc	*	50	27	-
	Hernösand ...	30.23	40	SW	0	b	30.26	+.29	44	42	-3	SW	0	c	*	b	*	55	39	0.08
	Stockholm ...	30.13	46	SW	0	b	30.23	+.27	50	46	-5	NE	4	b	*	b	*	57	46	-
	Wisby														*		*			
	Karlstad ..	30.10	54	E	2	bc	30.20	+.23	49	45	-6	E	2	b	*	bc, r	*	*	*	-
	Bodö	30.12	46	SW	0	b	30.15	+.10	45	43	-2	E	2	b	1	b	*	50	37	-
	Christiansund ...	30.02	51	S	4	b	30.06	.00	49	47	0	SW	0	c	1	b	*	54	46	-
	Skudesnaes ...	29.99	56	SW	0	b	29.99	-.03	56	53	+3	SE	2	b	1	bc, b	*	60	48	*
	Færder (Christiania Fjord)	30.05	58	ENE	2	c	30.14	+.19	55	53	0	E	4	o	2	c	*	61	54	-
	Skagen (The Scaw)	30.04	58	S	1	b	30.07	+.07	57	54	+2	ESE	3	b	0	b	*	64	54	-
	Fanö	29.89	55	E	4	b	29.85	-.09	56	55	+3	E	5	c	*	b	*	68	53	-
BRITISH ISLANDS.	Sumburgh Head	29.90	53	ESE	4	bc	29.86	-.10	56	55	+4	ESE	5	c	5	bc	*	56	49	-
	Stornoway ...	29.73	57	E	4	o	29.62	-.21	56	56	+4	E	4	r	4	c, o	1.5	60	50	0.02
	Wick	29.76	56	SE	4	bc	29.71	-.21	56	56	+2	SE	4	du	4	bc	*	58	51	0.10
	Nairn	29.75	58	E	1	c	29.61	-.24	59	58	+1	E	1	o	1	c	*	65	50	-
	Aberdeen ...	29.78	55	E	6	o g p	29.66	-.22	56	56	+1	SE	4	o g q	6	c q, gp	2.8	59	55	0.05
	Leith	29.65	56	E	3	r	29.58	-.20	57	58	+2	E	1	o	*	r	*	59	55	0.40
	Shields	29.61	58	E	4	or	29.64	-.12	58	57	+1	SSE	2	o m	3	op, r	*	58	56	0.10
	Spurn Head ...	29.59	62	SE	5	bc	29.67	+.01	58	58	-2	SSE	3	c	3	bc, tlp	*	63	56	0.05
	York	29.57	62	E	1	cp	29.65	-.02	57	56	-2	SE	2	c	*	o, pt, c	0.0	67	54	0.23
	Loughborough ...	29.57	63	SSE	3	c	29.64	+.01	58	57	-2	SE	2	o m	*	cpl, cm	*	70	54	0.05
	Ardrossan ...	29.57	57	NE	4	rm	29.56	-.13	58	58	-1	SSE	1	c	1	om, rm	*	59	55	0.16
	Malin Head ...	29.56	57	SE	6	ou	29.50	-.16	58	57	+2	SSE	1	o	0	o	*	59	56	0.07
	Belmullet ...	29.54	59	E	3	om	29.49	-.13	59	58	+2	SSE	2	o m	*	o m	*	60	56	0.12
	Donaghadee ...	29.54	59	ENE	5	r	29.56	-.08	59	59	+1	SSW	4	o	2	o, r	*	59	57	0.64
	Liverpool (Bidston)	29.48	60	ESE	2	r	29.61	+.03	57	56	-1	SE	2	c	2	p, tlr	*	68	55	0.16
	Holyhead ...	29.57	61	SW	0	g rt	29.59	+.03	58	57	-1	S	1	c	0	mpt, l	*	64	56	0.31
	Farsonstown ...	29.48	59	SW	0	r	29.52	-.04	56	56	-1	SW	0	o	*	or, o	0.0	62	53	0.14
	Valencia ...	29.47	61	SW	0	cp	29.54	+.05	60	58	-3	SSE	1	c	1	ct, cp	0.4	64	52	0.03
	Roche's Point ..	29.50	62	SE	2	c	29.58	+.06	58	57	-2	N	1	f	4	b, c	*	66	54	
	Pembroke (St. Ann's Hd.)	29.53	59	SSW	3	o	29.57	+.05	58	56	-1	SW	4	b	4	c, o	1.8	61	56	0.38
	Scilly	29.54	62	S	3	c	29.55	+.06	62	58	0	S	1	c	3	c	7.4	68	56	0.10
	Prawle Point ...	29.60	59	SSW	4	c	29.60	+.10	59	57	0	?NSW	3	c	2	c, r	*	62	55	0.07
	Jersey (St. Aubin's)	29.68	66	NSW	4	cg	29.61	-.02	59	57	-3	SSE	6	opu	5	cp, g	*	71	57	0.26
	Hurst Castle ...	29.65	63	SSW	4	ou	29.62	+.04	?61	?57	-2	SSW	2	ou	2	cm, ou	*	66	59	0.06
	Dungeness ...	29.68	65	SSW	3	c	29.63	-.04	62	61	-3	SSE	2	o	1	bc, c	*	69	61	0.08
	North Foreland	29.70	64	SSW	3	c	29.65	-.02	62	60	-4	E	2	ow	2	c, cl	*	69	59	-
	London (Brixton) ...	29.63	62	SSW	2	bc	29.65	+.01	60	59	-2	ESE	1	or	*	cp, br	6.4	70	56	-
	Oxford	29.64	60	SW	2	bc	29.63	+.04	59	58	-2	SE	1	cpu	*	g, p	*	67	56	0.14
	Cambridge ...	29.63	64	SSW	2	b	29.66	+.02	60	59	-2	S	1	om	*	c, b	4.8	71	54	0.01
	Yarmouth ...	29.67	64	S	3	c	29.69	+.01	62	60	0	ESE	3	bc	2	bc, c	*	65	58	-
GERMANY & HOLLAND.	Cuxhaven ...	29.82	63	ESE	4	o	29.80	-.10	58	58	+4	E	1	f	*	o	*	64	54	0.04
	Berlin	29.89	64	SW	0	o	29.84	-.13	60	59	+5	ESE	2	o	*	o	*	72	55	0.04
	Wiesbaden ...	*	*	*	*	*	29.85	-.04	58	57	0	SW	0	bc	*	*	*	70	54	0.04
	Munich... ..	30.01	59	SW	0	o	29.94	-.10	58	56	0	W	2	b	*	b	*	72	52	-
	The Helder ...	29.75	63	SE	1	c	29.74	-.04	61	60	0	WNW	1	b	1	c	*	66	57	0.12
BELGIUM.	Brussels ...	*	*	*	*	*	?29.82	+.03	61	59	-2	SE	2	o	*	b	*	75	58	-
	Cape Gris Nez...	29.64	60	SE	2	c	29.68	.00	60	60	-3	SE	3	c	2	c	*	66	57	1.10
	Paris	29.79	69	SW	3	bc	29.75	-.06	58	57	-4	SW	4	r	*	bc	*	75	57	0.24
	Brest	29.60	61	S	4	o	29.54	-.04	56	54	-3	S	1	c	5	o	*	63	52	0.16
	Lorient... ...	29.71	63	WNW	4	o	?29.50	-.13	59	57	+5	SW	7	c	7	o	*	64	52	0.20
FRANCE &	Rochefort ...	29.76	68	W	3	bc	29.74	-.05	64	62	-2	WSW	6	c	3	c, bc	*	73	57	0.24
	Belfort	29.83	69	SW	0	c	29.87	-.04	59	59	-1	SW	0	o	*	c	*	77	55	0.67
	Lyons	29.87	70	S	3	o	29.85	-.09	64	61	+2	SW	1	o	*	o, l	*	79	61	0.20
	Nice	30.02	64	SW	0	o	29.94	-.03	65	60	+3	SW	0	bc	1	o	*	77	61	-
	Perpignan ...	29.83	68	SW	0	o	29.91	-.04	61	60	-5	W	1	o	*	o	*	74	55	-
	Biarritz ...	29.75	61	NNE	3	b	29.91	+.05	67	62	-2	W	5	b	3	b, l	*	81	64	-
PENINSULA.	Corunna ...																*			
	Lisbon	30.05	63	W	4	b	30.12	+.12	65	62	+4	SW	3	o	*	b	*	70	61	-
	Azores (P. Delgada)	30.14	68	NNW	2	c	30.13	+.05	69	64	0	W	4	bc	3	c	*	75	63	-

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

Bright Sunshine yesterday Southport 0.8 hrs; Eastbourne 4.3 hrs., Hastings (St. Leonards) 4.7 hrs

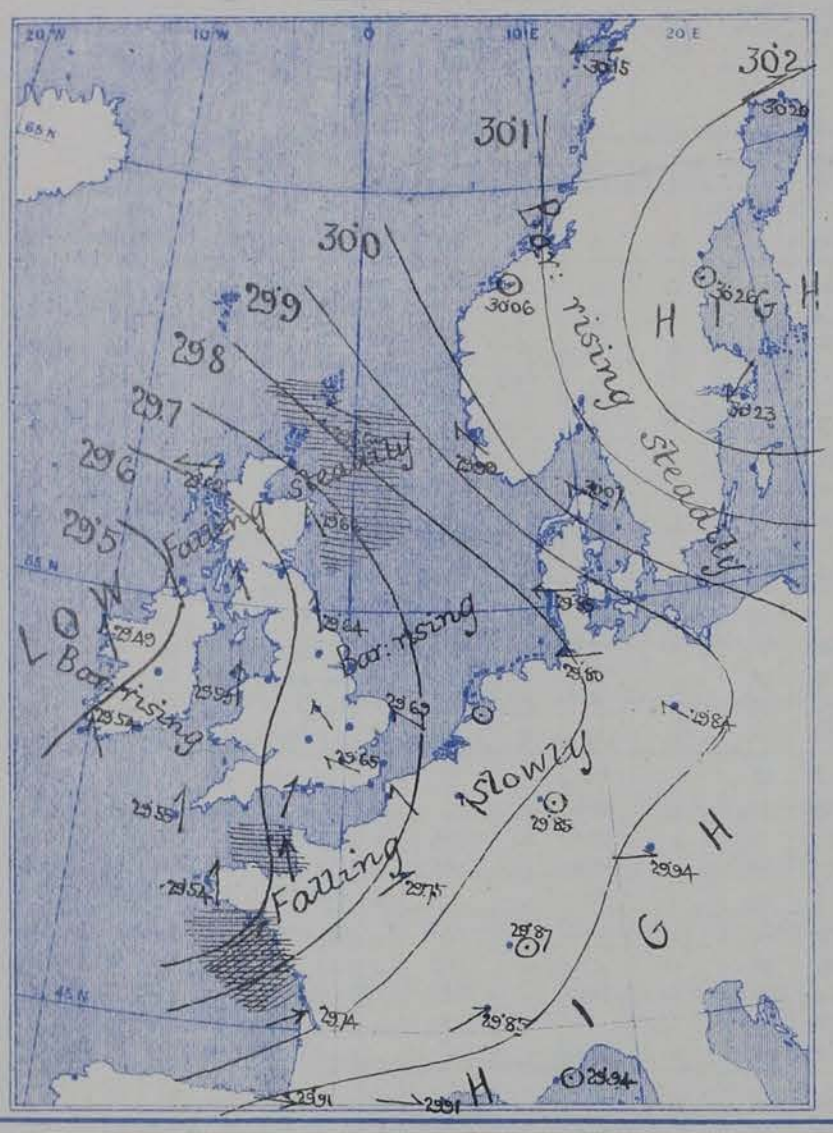
WEATHER CHARTS

FOR *Thursday, 10th September, 1896.*

BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.

Force above 10 : *Force 5 to 7* : } Calm ⊙
Force 8 to 10 : *Force 1 to 4* : }
SEA—Rough : *High*



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.
RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.

VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF SEPTEMBER.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of: Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Absolute Extremes: Maximum.	Years.	Minimum.	Years.	RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95. Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29 · 793	50 · 8	49 · 1	55 · 0	46 · 1	68	1880	34	1887, 88	3 · 38	—	—
Stornoway	29 · 814	51 · 5	50 · 2	56 · 5	45 · 8	69	1895	32	1871, 75, 85	4 · 09	103 · 3	27
Wick	29 · 831	52 · 0	50 · 1	57 · 8	45 · 7	74	1884, 91	29	1885, 87	2 · 51	—	—
Nairn	29 · 843	51 · 5	49 · 1	59 · 5	46 · 2	77	1895	25	1892	2 · 48	—	—
Aberdeen	29 · 863	52 · 3	49 · 8	59 · 3	46 · 6	79	1891	30	1887	2 · 89	124 · 2	33
Leith	29 · 887	53 · 3	50 · 8	62 · 0	47 · 5	81	1873, 91	33	1886	2 · 19	—	—
Shields	29 · 910	53 · 2	51 · 0	60 · 1	48 · 2	79	1895	34	1885, 89, 93	2 · 30	—	—
Spurn Head	29 · 947	55 · 6	53 · 8	60 · 7	52 · 5	75*	1895	38*	1892	1 · 83	—	—
York	29 · 896	52 · 9	51 · 0	63 · 2	47 · 5	83	1895	30	1885	2 · 45	118 · 4	32
Loughborough	29 · 971	53 · 6	51 · 9	65 · 4	47 · 6	86*	1891, 95	30*	1885, 94	2 · 50	—	—
Ardrossan	29 · 892	53 · 7	51 · 6	59 · 7	49 · 4	78	1880	32	1885	3 · 38	—	—
Donaghadee	29 · 916	53 · 6	52 · 4	60 · 0	49 · 4	71	1893	36	1882, 94	2 · 74	—	—
Holyhead	29 · 941	55 · 8	53 · 6	60 · 8	52 · 5	78	1880	43	1873, 85	3 · 10	—	—
Liverpool	29 · 947	54 · 7	52 · 0	61 · 5	50 · 9	82	1880	39	1885	3 · 17	—	—
Parsonstown	29 · 948	52 · 8	50 · 9	61 · 7	47 · 2	79	1880	31	1877, 93	2 · 92	124 · 7	33
Valencia	29 · 961	56 · 4	54 · 1	61 · 8	51 · 3	78	1895	38	1872, 93	4 · 38	130 · 4	35
Roche's Point	29 · 963	55 · 6	53 · 4	61 · 7	51 · 0	74	1880	39	1893	3 · 74	—	—
Pembroke	29 · 962	56 · 2	54 · 0	60 · 3	53 · 1	74	1895	40	1885	3 · 32	146 · 5	39
Scilly	29 · 982	58 · 5	56 · 4	62 · 0	54 · 8	72	1880, 93, 95	44	1885, 88	3 · 28	—	—
Prawle Point	30 · 004	57 · 2	55 · 3	62 · 5	52 · 3	76*	1889	36*	1885	2 · 41	—	—
Jersey	30 · 003	60 · 2	57 · 2	65 · 8	54 · 9	86	1895	41	1891	2 · 96	183 · 4	49
Hurst Castle	30 · 002	57 · 3	55 · 7	64 · 6	52 · 3	77	1895	35	1885	2 · 76	—	—
Dover	29 · 981	57 · 9	55 · 5	63 · 7	53 · 2	77	1880	32	1885	2 · 53	—	—
LONDON	29 · 991	55 · 8	53 · 4	66 · 5	49 · 6	87	1880	30	1877	2 · 17	111 · 5†	30†
Oxford	29 · 985	53 · 9	52 · 0	64 · 3	48 · 8	83	1880, 95	33	1885	2 · 43	141 · 0	38
Cambridge	29 · 979	54 · 6	52 · 9	66 · 0	47 · 9	88	1880	31	1885	2 · 13	144 · 2	39
Yarmouth	29 · 959	56 · 4	54 · 4	62 · 3	51 · 3	78	1880	33	1885	2 · 64	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·2 in. and upwards, in a large anticyclone over Sweden and the Gulf of Bothnia; 30·1 in. and upwards in another system over the southern parts of the Spanish Peninsula.
Lowest, 29·5 in. and less, in a depression lying off the west of Ireland.
Gradients moderate or slight generally. Barometer rising in many parts of England and Ireland, and also in Scandinavia, but falling elsewhere.

TEMPERATURE

Highest, 67° at Biarritz, 65° at Nice and Lisbon, 64° at Rochefort and Lyons, and 62° at Scilly, Dungeness, the North Foreland and Yarmouth.
Lowest, 44° at Hernösand, 45° at Bodö, 48° at Haparanda, 49° at Christiansund and Karlstad, and 50° at Stockholm.
During yesterday the thermometer rose to 65° and upwards in many parts of the United Kingdom, to 70° at Loughborough and in London, and to 71° at Jersey and Cambridge.

WIND

S or SE in our Islands; light or moderate in force generally, but strong to a gale on the northeast coasts of Scotland. SW in France, and strong in force on the west coasts; E over North Germany, Denmark, and the south of Scandinavia; calm or variable over the northern parts of Scandinavia.

WEATHER

Dull in most parts of our Islands and France, with showers at many of our southern stations, and steady rain in the extreme north of Scotland. Fair or fine at most of the Scandinavian, Danish, and German stations, but foggy at the mouth of the Elbe.
Since yesterday morning rain has again fallen over Western Europe generally, the largest amounts being 1·1 in. at C. Gris Nez, 0·7 in. at Belfort, and 0·6 in. at Donaghadee. Thunderstorms occurred yesterday over the north of England, thunder was heard at Valencia (Ireland) and lightning was seen at at Loughborough and the North Foreland, as well as at Lyons and Biarritz.

SEA

Rough off the northeast of Scotland, and also off the northwest of France, ~~and rather rough at Cap Gris Nez~~, moderate or slight elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression of the past two days is apparently moving away to the northwestward of our Islands. Small secondary disturbances are, however, still advancing from the southward, and unsettled showery weather seems likely to continue in most districts.

FORECASTS

For the 24 hours ending at NOON on 11TH SEPTR. 1896.

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	E and SE winds, strong in places; dull, some rain.
1 SCOTLAND EAST; 2 ENGLAND N.E.	SE winds, moderate; dull, some rain, possibly thunder.
3 ENGLAND EAST; 4 MIDLAND COUNTIES; 5 ENGLAND SOUTH	SE winds, light, to S or SW, fresh; unsettled, showery, thunder locally.
6 SCOTLAND WEST; 7 ENGLAND N.W.	SE winds, light; changeable, some showers, possibly thunder.
8 ENGLAND S.W.	S and SW winds, freshening; changeable, some showers.
9 IRELAND NORTH; 10 IRELAND SOUTH	S and SE winds, light or moderate; changeable, some showers.
WARNINGS	At 3·50 pm yesterday to parts of districts 0 and 1. "Hoist North Cone"

Note.—The **South Cone**, *point downwards* ( ), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* ( ), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29.97	60	57	WSW	1	bc	1
Sumburgh Head	29.93	55	52	ESE	3	bc	2
Stornoway	29.78	56	55	E	3	o	3
Aberdeen	29.83	57	55	E	6	cqf	5
Shields	29.67	58	57	E	2	op	4
Ardrossan	29.62	58	58	NE	4	om	3
Malin Head ...	29.59	57	54	SE	6	o	3
Belmullet	29.59	60	58	ENE	2	om	*
Holyhead	29.48	64	62	E	1	optm	0

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	29.49	64	61	SW	1	ct	2
Scilly	29.54	68	65	SSW	3	c	1
Jersey	29.68	67	63	SW	5	cp	5
Hurst Castle ...	29.63	66	62	SSW	5	cm	3
Dungeness ...	29.69	68	64	SSW	4	bc	3
North Foreland	29.69	66	63	S	4	c	3
London (Westminster)	29.63	67	61	SSW	4	cpv	*
Yarmouth ...	29.67	65	62	SSE	5	bc	4
Rochefort ...	29.80	71	67	WSW	5	c	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning cloudy or dull in most parts of our Islands, with rain at Shields and passing rain at some of the Channel stations. Fine in most of the Continental countries, but dull in Sweden, with rain at Hernösand and Karlstad. Rain or passing showers occurring later in nearly all parts of Western Europe, – fall heavy in places. Thunderstorms occurring over the north of England, and thunder or lightning observed at many of our southern and the French stations.

Temperature rises in most of the western countries, fallen in Scandinavia and also in the south of Russia, changed irregularly elsewhere. Morning readings highest 81° at Sfax, 77° at Barcelona, Brindisi, and Patras, and 76° at Algiers and Malta; above 65° over Southern Europe generally and also on the extreme southeast coasts of England. Lowest (1) 37° at Haparanda and Uleaborg and 39° at Kuopio; (2) 38° at Kharkov, 44° at Warsaw, and 46° at Kiev. Rising during day to 65° and upwards in many parts of the United Kingdom, and reaching 70° or more at some of the English stations; exceeding 75° in the south of France, and touching 81° at Biarritz.

Wind S³ over Spain, France, and the south of England; light or moderate in force generally, but strong in the Channel Islands. E³ over Denmark, North Germany, and all the more northern parts of the United Kingdom, and strong in force in the north of Ireland. W³ or SW³ over Scandinavia and Northern Russia. Light from the NE^m in the south of Russia; variable in Austria; N³ or NW³ in Italy. Subsequently veering to the SW^p in France; no important change occurring elsewhere.

Barometer highest 30·3 ins. and upwards, in an anticyclone over the south of Russia; 30·0 ins. and upwards, in another system lying over the western and northern parts of Scandinavia. Lowest 29·5 ins. and less, in a complex depression lying off our extreme southwest coasts. Depression subsequently moving northwards, but new disturbance beginning to approach the southwest of Ireland in evening.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

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" Weekly " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Friday 11th September, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Change since Yesterday.	Temperature. Dry Bulb.	Wet Bulb.	Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	30·23	47	S	4	b	30·20	·00	50	46	+ 2	SW	4	o	*	b	*	54	39	—
	Hernösand ...	30·29	43	E	0	b	30·23	— ·03	49	45	+ 5	S	4	bc	*	b	*	55	36	—
	Stockholm ...	30·26	50	E	4	bc	30·28	+ ·05	51	45	+ 1	ESE	4	b	*	bc	*	55	41	—
	Wisby														*		*			
	Karlstad ...	30·21	51	ESE	4	b	30·25	+ ·05	48	46	— 1	E	2	c	*	b	*	*	*	—
	Bodö	30·13	48	NE	1	b	30·09	— ·06	49	46	+ 4	S	1	bc	1	b	*	52	43	—
	Christiansund ...	30·08	46	NE	2	bc	30·10	+ ·04	51	49	+ 2	ENE	2	b	1	bc	*	59	46	—
	Skudesnaes ...	29·97	61	ESE	4	c	30·05	+ ·06	59	53	+ 3	ESE	4	c	1	b, c	*	68	52	*
	Færder (Christiania Fjord)	30·17	56	NE	4	b	30·21	+ ·07	54	52	— 1	E	3	b	2	b	*	59	54	—
	Skagen (The Scaw)	30·11	59	ESE	4	b	30·14	+ ·07	53	?	— 4	SE	4	b	1	b	*	64	53	—
	Fanö	29·88	58	ESE	6	c	29·89	+ ·04	55	53	— 1	E	6	bc	*	c	*	68	55	—
BRITISH ISLANDS.	Sumburgh Head	29·78	55	SE	4	r	29·82	— ·04	55	55	— 1	SE	4	r	5	r	*	58	48	0·15
	Stornoway ...	29·60	57	S	3	o	29·66	+ ·04	55	55	— 1	E	0	o	0	o	2·6	61	49	0·15
	Wick	29·71	55	SE	5	f	29·79	+ ·08	56	56	0	S	3	c	5	f	*	56	54	0·03
	Nairn	29·64	64	E	0	bc	29·71	+ ·10	56	55	— 3	E	0	bc	1	bc	*	69	46	0·04
	Aberdeen ...	29·73	56	SSE	3	ogm	29·77	+ ·11	56	56	0	SE	3	opf	4	f ogm	0·0	57	55	0·03
	Leith	29·66	58	E	1	c	29·71	+ ·13	55	54	— 4	E	0	o	*	c, m	*	69	52	0·01
	Shields	29·70	58	SE	3	c	29·73	+ ·09	57	57	— 1	ESE	1	f	3	bc, c, r, f	*	62	55	0·02
	Spurn Head ...	29·67	60	NNE	3	c	29·72	+ ·05	60	60	+ 2	E	0	c	3	c	*	63	55	0·01
	York	29·68	64	E	1	b	29·72	+ ·07	57	57	0	E	0	f	*	c, b	1·1	71	54	0·01
	Loughborough ...	29·67	62	E	0	p	29·72	+ ·08	59	59	+ 1	ESE	1	om	*	cp, b, of	*	67	56	0·06
	Ardrossan ...	29·64	59	E	0	bc	29·65	+ ·09	58	58	0	NE	2	bcm	1	c, bc	*	63	55	—
	Malin Head ...	29·57	64	SSE	2	o	29·53	+ ·03	59	55	+ 1	SSE	6	bc	2	o	*	65	54	—
	Belmullet ...	29·57	60	SW	2	o	29·44	— ·05	59	58	0	SSE	3	or	*	o	*	63	57	0·41
	Donaghadee ...	29·66	59	SSW	4	bc	29·63	+ ·07	58	57	— 1	SE	4	b	2	bc	*	63	55	—
	Liverpool (Bidston)	29·67	63	W	2	o	29·68	+ ·07	55	54	— 2	ESE	2	o	3	om	*	68	53	0·01
	Holyhead ...	29·69	59	SW	2	c	29·62	+ ·03	56	53	— 2	ESE	3	odg	2	o, c	*	63	50	—
	Parsonstown ...	29·59	64	E	0	c	29·46	— ·06	60	59	+ 4	E	2	or	*	c	4·7	69	53	0·06
	Valencia ...	29·56	61	S	3	bc	29·48	— ·06	58	57	— 2	WSW	2	rm	2	c, bc, t	5·9	65	56	0·40
	Roche's Point ..	29·63	62	S	3	b	29·45	— ·13	59	59	+ 1	SW	5	r	4	b	*	66	56	0·90
	Pembroke (St. Ann's Hd.)	29·69	60	SW	3	bc	29·58	+ ·01	60	60	+ 2	SSE	5	rm	4	bc	8·8	62	57	0·13
	Scilly	29·69	61	SSW	3	c	29·57	+ ·02	61	59	— 1	SW	5	c	4	p, c	9·2	65	56	0·18
	Prawle Point ...	29·73	58	SW	4	bc	29·68	+ ·08	59	59	0	SSW	6	og	5	[illegible]	*	63	55	0·12
	Jersey (St. Aubin's)	29·78	61	W	4	bc	29·80	+ ·19	63	62	+ 4	SSW	5	om	4	p, bc, p	*	65	57	0·19
	Hurst Castle ...	29·70	62	WSW	3	cm	29·74	+ ·12	62	61	+ 1	SW	3	opm	2	op, cm	*	64	58	0·45
	Dungeness ...	29·64	59	WSW	3	c	29·76	+ ·13	63	60	+ 1	WSW	3	bc	3	tl, r, c	*	64	56	0·55
	North Foreland	29·64	59	SW	2	bc	29·77	+ ·12	60	56	— 2	SW	2	b	2	r, bc	*	63	54	0·39
	London (Brixton) ...	29·66	57	WNW	2	or	29·76	+ ·11	57	55	— 3	S	1	bc	*	tl, r, b	0·0	62	50	0·63
	Oxford	29·70	60	ESE	1	o	29·73	+ ·10	56	53	— 3	SSE	1	ou	*	r, o	*	63	49	0·02
	Cambridge ...	29·64	59	NNW	1	r	29·74	+ ·08	58	58	— 2	E	0	f	*	tl, r, rg	0·1	66	53	0·23
	Yarmouth ...	29·63	60	SE	4	cv	29·73	+ ·04	59	57	— 3	W	1	bc	2	c, cv	*	64	52	—
GERMANY & HOLLAND.	Cuxhaven ...	29·76	65	E	3	o	29·79	— ·01	54	54	— 4	SE	5	r	*	o	*	66	54	0·20
	Berlin	29·87	60	E	4	r	29·85	+ ·01	53	52	— 7	E	3	r	*	r	*	66	52	0·50
	Wiesbaden ...	*	*	*	*	*	29·87	+ ·02	58	56	0	E	0	r	*	*	*	68	55	0·12
	Munich... ..	29·98	55	SW	4	o	30·03	+ ·09	55	53	— 3	W	4	c	*	o	*	70	50	0·71
	The Helder ...	29·70	64	N	1	c	29·77	+ ·03	60	59	— 1	SSW	1	bc	1	c	*	70	54	0·24
BELGIUM.	Brussels ...	*	*	*	*	*	29·83	+ ·01	56	55	— 5	SW	2	o	*	r	*	66	53	0·67
	Cape Gris Nez...	29·65	58	W	5	o	29·73	+ ·05	60	59	0	W	4	bc	4	o	*	66	54	1·14
	Paris	29·75	59	W	3	o	29·91	+ ·16	57	56	— 1	SSW	2	r	*	o	*	65	53	0·91
	Brest	29·79	60	WSW	3	o	29·72	+ ·18	60	60	+ 4	S	4	o	4	o	*	64	52	—
	Lorient... ...	29·71	65	W	5	?	29·86	+ ·36	56	55	— 3	SW	4	?	4	?	*	?	?	0·16
FRANCE &	Rochefort ...	29·89	65	W	5	bc	29·91	+ ·17	65	64	+ 1	SW	5	o	*	r, bc	*	70	63	0·28
	Belfort	29·98	74	NW	2	o	30·05	+ ·18	62	59	+ 3	SW	1	o	*	o	*	84	57	—
	Lyons	29·94	66	W	1	b	30·07	+ ·22	57	54	— 7	WSW	1	c	*	b	*	77	53	—
	Nice	29·91	66	S	3	f	29·89	— ·05	64	54	— 1	E	0	b	0	f	*	77	61	—
	Perpignan ...	29·84	62	WSW	2	bc	29·93	+ ·02	55	55	— 6	WSW	4	m	*	bc	*	70	53	0·12
	Biarritz ...	30·00	67	NW	3	o	29·99	+ ·08	61	59	— 6	SE	3	b	5	o	*	72	59	—
PENINSULA.	Corunna ...																*			
	Lisbon	30·15	64	W	3	b	30·19	+ ·07	66	64	+ 1	SW	3	bc	*	b	*	72	63	—
	Azores (P. Delgada)	30·12	72	WSW	4	bc	30·11	— ·02	69	68	0	WSW	3	r	4	bc	*	77	66	0·16

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

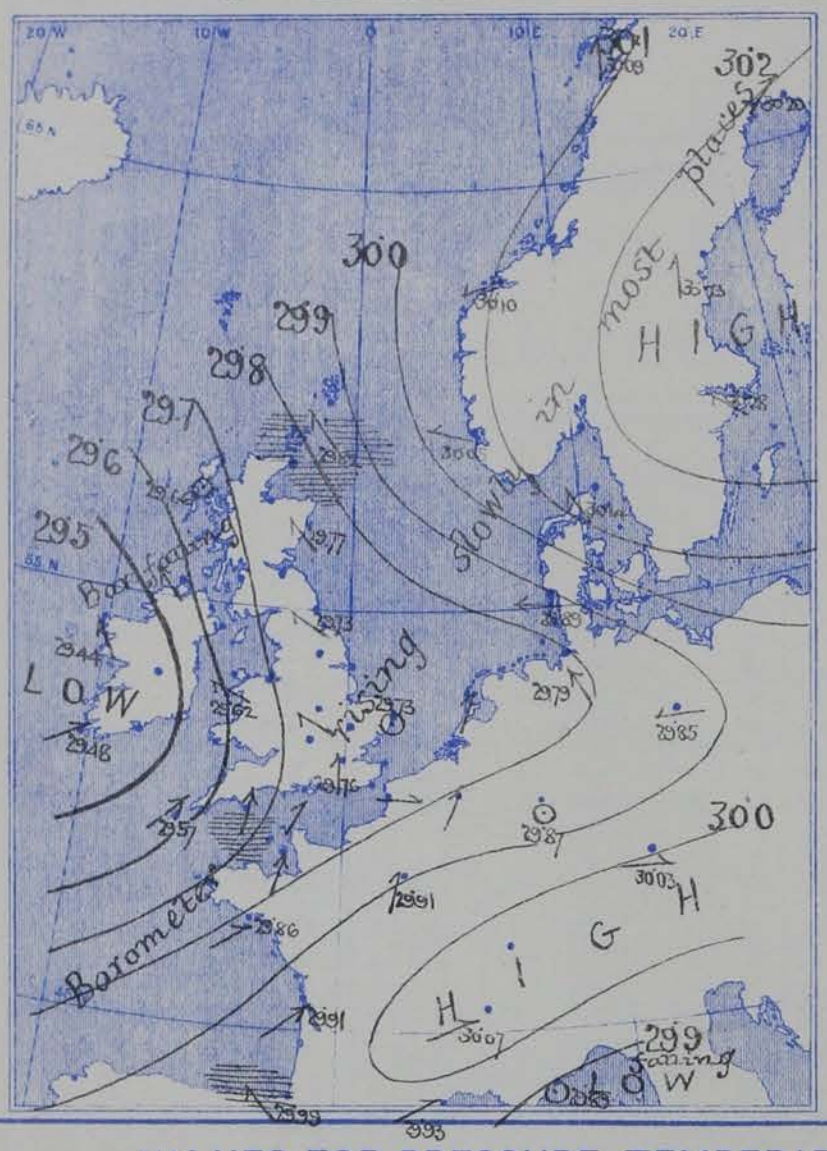
Bright Sunshine yesterday Southport 6·7 hrs; Eastbourne 0·0 hrs; Hastings (St. Leonards) 0·0 hrs.

WEATHER CHARTS

FOR Friday, 11th September, 1896.

BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.
Force above 10 ⟶⟶ ; *Force 5 to 7* ⟶ ; *Force 8 to 10* ⟶ ; *Force 1 to 4* ⟶ ; Calm ⊙
SEA—Rough ▤ ; *High* ▩



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.
RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.

VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF SEPTEMBER.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Absolute Extremes. Maximum.	Years.	Minimum.	Years.	RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95. Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29 · 793	50 · 8	49 · 1	55 · 0	46 · 1	68	1880	34	1887, 88	3 · 38	—	—
Stornoway	29 · 814	51 · 5	50 · 2	56 · 5	45 · 8	69	1895	32	1871, 75, 85	4 · 09	103 · 3	27
Wick	29 · 831	52 · 0	50 · 1	57 · 8	45 · 7	74	1884, 91	29	1885, 87	2 · 51	—	—
Nairn	29 · 843	51 · 5	49 · 1	59 · 5	46 · 2	77	1895	25	1892	2 · 48	—	—
Aberdeen	29 · 863	52 · 3	49 · 8	59 · 3	46 · 6	79	1891	30	1887	2 · 89	124 · 2	33
Leith	29 · 887	53 · 3	50 · 8	62 · 0	47 · 5	81	1873, 91	33	1886	2 · 19	—	—
Shields	29 · 910	53 · 2	51 · 0	60 · 1	48 · 2	79	1895	34	1885, 89, 93	2 · 30	—	—
Spurn Head	29 947	55 · 6	53 · 8	60 · 7	52 · 5	75*	1895	38*	1892	1 · 83	—	—
York	29 · 896	52 · 9	51 · 0	63 · 2	47 · 5	83	1895	30	1885	2 · 45	118 · 4	32
Loughborough	29 · 971	53 · 6	51 · 9	65 · 4	47 · 6	86*	1891, 95	30*	1885, 94	2 · 50	—	—
Ardrossan	29 · 892	53 · 7	51 · 6	59 7	49 · 4	78	1880	32	1885	3 · 38	—	—
Donaghadee	29 · 916	53 · 6	52 · 4	60 · 0	49 · 4	71	1893	36	1882, 94	2 · 74	—	—
Holyhead	29 · 941	55 · 8	53 · 6	60 · 8	52 · 5	78	1880	43	1873, 85	3 · 10	—	—
Liverpool	29 · 947	54 · 7	52 · 0	61 · 5	50 · 9	82	1880	39	1885	3 · 17	—	—
Parsonstown	29 · 948	52 · 8	50 · 9	61 · 7	47 · 2	79	1880	31	1877, 93	2 · 92	124 · 7	33
Valencia	29 · 961	56 · 4	54 · 1	61 · 8	51 · 3	78	1895	38	1872, 93	4 · 38	130 · 4	35
Roche's Point	29 · 963	55 · 6	53 · 4	61 · 7	51 · 0	74	1880	39	1893	3 · 74	—	—
Pembroke	29 · 962	56 · 2	54 · 0	60 · 3	53 · 1	74	1895	40	1885	3 · 32	146 · 5	39
Scilly	29 · 982	58 · 5	56 · 4	62 · 0	54 · 8	72	1880, 93, 95	44	1885, 88	3 · 28	—	—
Prawle Point	30 · 004	57 · 2	55 · 3	62 · 5	52 · 3	76*	1889	36*	1885	2 · 41	—	—
Jersey	30 · 003	60 · 2	57 · 2	65 · 8	54 · 9	86	1895	41	1891	2 · 96	183 · 4	49
Hurst Castle	30 · 002	57 · 3	55 · 7	64 · 6	52 · 3	77	1895	35	1885	2 · 76	—	—
Dover	29 · 981	57 · 9	55 · 5	63 · 7	53 · 2	77	1880	32	1885	2 · 53	—	—
LONDON	29 · 991	55 · 8	53 · 4	66 · 5	49 · 6	87	1880	30	1877	2 · 17	111 · 5†	30†
Oxford	29 · 985	53 · 9	52 · 0	64 · 3	48 · 8	83	1880, 95	33	1885	2 · 43	141 · 0	38
Cambridge	29 · 979	54 · 6	52 · 9	66 · 0	47 · 9	88	1880	31	1885	2 · 13	144 · 2	39
Yarmouth	29 · 959	56 · 4	54 · 4	62 · 3	51 · 3	78	1880	33	1885	2 · 64	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.2 ins. and upwards in an anticyclone lying over Sweden; 30.1 ins. and upwards in another system lying over the southern parts of the Spanish Peninsula.
Lowest 29.5 ins. and less in a depression over the west and south of Ireland; 29.8 ins. and less in a secondary system over Holland and the northwest of Germany.
Gradients slight generally, but moderate over Denmark.
Barometer falling in the NW. of our Islands, but rising in most other parts of western Europe.

TEMPERATURE

Highest 66° at Lisbon, 65° at Rochefort, 64° at Nice, 63° at Jersey and Dungeness, & 62° at Hurst Castle and Belfort.
Lowest 48° at Karlstad, 49° at Bodö and Haparanda, 50° at Haparanda, and 51° at Stockholm & Christiansund.
The maxima registered yesterday were below 65° at most of our S.ern stations, but above it in many other parts of the Kingdom; at Nairn and Parsonstown the thermometer rose to 69°, and at York to 71°.

WIND

S. or SW. 2 over the south of our Islands, the Netherlands and the greater part of France, and fresh or strong in force on our southwest coasts.
SE. 2 over the northern parts of the United Kingdom generally, and also on the E.rn shores of the North Sea, but calm at several stations in the northern parts of Great Britain.
S. 2 in the north of Scandinavia.

WEATHER

Cloudy or dull over W.rn Europe as a whole, with fog at several of our own eastern stations, and rain in Ireland and Wales, as well as in Germany and the north of France.
Fine at the Scandinavian and Danish stations, and also in the south of France.
Rain fell yesterday in most parts of W.rn Europe, the largest amounts being 1.1 ins. at Cape Gris Nez, 0.9 in. at Paris, and 0.7 in. at Brussels and Munich. Considerable quantities were experienced also in the E. and SE. of England, with thunderstorms in places.

SEA

Moderate or slight generally, but rather rough off the N. of Scotland, as well as at Prawle Pt. and Biarritz.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression over Ireland seems to be moving northwards, but with the present distribution of pressure other disturbances are likely to appear shortly off our southwest coasts. The general appearance remains very unsettled.

FORECASTS

For the 24 hours ending at NOON on 12TH SEPTR. 1896.

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	SE. 2 winds, moderate or fresh, cloudy, some showers.
1 SCOTLAND EAST	
2 ENGLAND N.E.	SE. 2 winds, light, dull, misty, some rain.
3 ENGLAND EAST	S. 2 and SW. 2 winds, moderate or fresh, unsettled, showery.
4 MIDLAND COUNTIES	
5 ENGLAND SOUTH	
6 SCOTLAND WEST	Same as No. 2.
7 ENGLAND N.W.	
8 ENGLAND S.W.	SW. 2 to S. 2 winds, strong, unsettled, rain at times.
9 IRELAND NORTH	Same as Nos. 0 and 1.
10 IRELAND SOUTH	Same as No. 8.
WARNINGS	None issued.

Note.—The **South Cone**, *point downwards* ( ), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* ( ), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.		BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29.99	68	58	SE	6	b	3	Valencia	29.57	65	60	S	2	c	3
Sumburgh Head	29.78	56	55	SE	4	r	5	Scilly	29.66	64	60	SW	2	cp	2
Stornoway	29.59	57	56	ESE	4	o	4	Jersey	29.72	64	58	W	5	bc	5
Aberdeen	29.70	56	56	SSE	2	omg	5	Hurst Castle ...	29.65	60	58	Z	0	o	1
Shields	29.67	61	59	E	2	bc	3	Dungeness ...	29.62	58	57	SW	3	r	2
Ardrossan	29.62	61	61	S	2	c	1	North Foreland	29.59	60	59	E	2	r	2
Malin Head ...	29.56	63	59	SSW	2	o	0	London (Westminster)	29.62	59	57	NW	2	or	#
Belmullet	29.49	62	60	SSW	1	o	*	Yarmouth ...	29.65	63	61	ESE	3	c	3
Holyhead ...	29.65	60	58	SW	2	o	1	Rochefort ...	29.53	63	63	W	6	r	#

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning dull over western Europe generally, with showers at many of our own southern stations, and steady rain in the extreme north of Scotland, as well as in London and Paris. Fine over the northern, eastern and central countries as a whole, and also over the Spanish Peninsula; dull over the Adriatic, Italy and the neighbouring parts of the Mediterranean, with rain at Pescara, Palermo and Cagliari. Rain falling during day in most of the western and central countries, – heavily in the SE. of England, the N. of France, the Netherlands and Germany. Thunderstorms occurring in the E and SE of England.

Temperature changed very irregularly. Morning readings highest 81° at Syra, 78° at Malta, and 76° at Cagliari and Algiers; above 65° over southern Europe generally. Lowest 38° at Kharkow, 39° at Archangel and Ulealoy, 40° at Helsingfors, and 42° at Moscow, below 50° in most parts of Russia and Scandinavia. Daily maxima below 65° at many of our own southern stations, but thermometer exceeding 65° in many other parts of the Kingdom, and reaching 71° at York. Exceeding 75° in the east and southeast of France, and reaching 84° at Belfort.

Wind SW^ly over the greater part of France and Spain and strong in force over the Bay of Biscay, S^ly or SE^ly in our Islands; light or moderate in force generally, but strong to a gale on the NE. coasts of Scotland. E^ly over Germany, Denmark and the south of Scandinavia, and also over Russia, Austria and Italy. Subsequently veering to the W^nly in France and to the SW^ly in the south of England. (The Newspapers report the occurrence of a violent whirlwind in Paris at about 3 pm preceded by torrents of rain).

Barometer highest 30.3 ins. and upwards in an anticyclone lying over the S. of Russia; 30.2 ins. and upwards in another over Sweden and Finland; 30.1 ins. and upwards in a third lying to the SW. of the Spanish Peninsula. Lowest 29.5 ins. and less in a depression lying off the W. of Ireland. Depression subsequently moving out to the NW^wd; small secondary system moving E^wds along the Channel and N. of France during day, and subsequently passing across the SE of England.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

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" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Saturday, 12th September, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	30·09	50	SW	2	o	30·06	-·14	51	50	+1	2	0	o	*	o	*	54	45	-
	Hernösand ...	30·19	50	S	4	b	30·17	-·06	45	44	-4	2	0	bc	*	b	*	59	37	-
	Stockholm ...	30·23	48	E	2	c	30·17	-·11	49	45	-2	NE	2	o	*	c	*	54	46	-
	Wisby														*		*			
	Karlstad ...	30·20	52	E	2	o	30·18	-·07	50	43	+2	NE	2	bc	*	o	*	*	*	-
	Bodö	30·10	46	SW	2	c	30·08	-·01	47	46	-2	E	4	r	2	c	*	50	45	0·12
	Christiansund ...	30·09	54	ENE	3	b	30·04	-·06	50	47	-1	2	0	b	1	b	*	61	46	-
	Skudesnaes ...	30·08	56	SE	4	b	30·06	+·01	55	48	-4	ESE	4	c	3	o, b	*	61	55	*
	Færder (Christiania Fjord)	30·17	55	ENE	2	o	30·16	-·05	52	46	-2	E	4	o	2	o	*	57	52	-
	Skagen (The Scaw)	30·13	55	SE	3	o	30·11	-·03	53	46	?	SE	3	o	1	o	*	59	52	-
	Fanö	29·96	53	E	5	b	29·98	+·09	51	50	-4	E	4	c	*	b	*	64	50	-
BRITISH ISLANDS.	Sumburgh Head	29·88	55	SE	4	o	29·82	·00	53	52	-2	SE	4	o	6	o	*	56	51	0·12
	Stornoway ...	29·65	54	ESE	3	c	29·60	-·06	57	57	+2	ESE	3	r	3	c	5·3	68	54	-
	Wick	29·77	54	SE	6	o	29·73	-·06	56	56	0	S	4	mu	5	o	*	56	54	-
	Nairn	29·70	60	E	1	c	29·64	-·07	59	56	+3	2	0	o	0	c	*	69	52	0·01
	Aberdeen ...	29·76	55	SE	5	ofg	29·69	-·08	56	55	0	SE	4	ogmq	5	aq, fq	0·0	57	55	0·05
	Leith	29·65	60	ESE	3	o	29·65	-·06	57	56	+2	2	0	o	*	o	*	62	54	0·05
	Shields	29·71	57	ESE	2	c	29·68	-·05	59	57	+2	SSW	2	c	2	f.c, r	*	61	55	0·01
	Spurn Head ...	29·72	61	SE	3	o	29·75	+·03	58	57	-2	S	3	o	3	c.op	*	64	53	0·09
	York	29·69	64	ESE	2	o	29·72	·00	54	53	-3	SSE	1	o	*	c, o	0·0	70	53	0·03
	Loughborough ...	29·71	63	2	o	r	29·75	+·03	56	56	-3	SE	2	om	*	c.op.cm	*	65	52	0·13
	Ardrossan ...	29·61	61	S	3	rm	29·59	-·06	59	58	+1	NE	2	om	1	om.rm	*	65	52	0·02
	Malin Head ...	29·51	59	SE	4	opm	29·44	-·04	58	56	-1	SE	4	o	3	o, opm	*	61	52	0·02
	Belmullet ...	29·52	58	SW	1	b	29·37	-·07	57	56	-2	S	2	o	*	or.b	*	59	56	0·61
	Donaghadee ...	29·59	58	SE	5	op	29·57	-·06	57	57	-1	SE	5	r	3	op	*	61	51	0·11
	Liverpool (Bidston)	29·66	61	SE	2	p	29·65	-·03	55	54	0	ESE	3	o	3	om.p	*	64	51	0·09
	Holyhead ...	29·65	59	SW	2	cp	29·58	-·04	59	58	+3	S	5	gmr	3	ogp	*	63	53	0·21
	Parsonstown ...	29·58	60	2	o	b	29·44	-·02	57	55	-3	S	1	c	*	c, rb	3·1	64	53	0·62
	Valencia ...	29·54	60	SSE	3	opq	29·35	-·13	61	58	+3	S	4	cp	4	c, ogp	2·7	65	56	0·43
	Roche's Point ..	29·62	61	SW	4	c	29·45	·00	60	58	+1	SSW	4	bc	5	c, r	*	65	55	1·10
	Pembroke (St. Ann's Hd.)	?	60	?NNW	4	o	29·56	-·02	60	59	0	SW	5	bcp	5	c, o	3·4	61	59	0·06
	Scilly	29·74	62	SSW	3	c	29·57	·00	63	61	+2	SSW	5	c	4	bc, c	6·4	67	58	0·28
	Prawle Point ...	29·77	59	SSW	4	c	29·67	-·01	60	59	+1	SSE	6	r	5	cp	*	61	57	0·08
	Jersey (St. Aubin's)	29·84	63	NSW	5	bc	29·79	-·01	63	61	0	S	6	ou	5	p.c	*	67	60	0·17
	Hurst Castle ...	29·78	63	SW	3	cmu	29·75	+·01	63	60	+1	SSW	4	ou	2	c, mu	*	67	60	-
	Dungeness ...	29·77	63	SSW	4	c	29·81	+·05	62	60	-1	SSW	4	c	3	rbc, c	*	65	60	0·06
	North Foreland	29·79	64	SW	3	c	29·84	+·07	62	60	+2	S	2	o	2	c	*	66	55	0·04
	London (Brixton) ...	29·77	62	SW	2	c	29·80	+·04	61	59	+4	SSE	3	o	*	t, op, b	2·2	66	56	0·08
	Oxford	29·79	59	NSW	2	b	29·75	+·02	59	58	+3	SSE	3	ou	*	p.b	*	66	55	0·16
	Cambridge ...	29·75	63	SSW	1	c	29·79	+·05	58	58	0	SSW	1	omw	*	tr.c	1·5	67	53	0·29
	Yarmouth ...	29·77	62	S	3	c	29·81	+·08	57	55	-2	SSW	2	bc	2	bc, c	*	65	53	-
GERMANY & HOLLAND.	Cuxhaven ...	29·84	56	ESE	5	o	29·92	+·13	55	55	+1	ESE	4	o	*	o	*	57	54	0·08
	Berlin	29·86	57	ENE	2	o	29·93	+·08	54	53	+1	N	3	o	*	o	*	61	52	0·12
	Wiesbaden ...	*	*	*	*	*	29·99	+·12	57	56	-1	2	0	r	*	*	*	61	52	0·28
	Munich... ..	30·04	54	2	0	r	30·06	+·03	53	53	-2	W	5	r	*	r	*	61	52	0·63
	The Helder ...	29·84	62	SE	1	bc	29·84	+·07	61	60	+1	S	1	bc	1	bc	*	66	57	0·12
FRANCE & BELGIUM.	Brussels ...	*	*	*	*	*	29·92	+·09	61	59	+5	SW	3	o	*	r	*	66	56	0·08
	Cape Gris Nez...																*			
	Paris	29·95	61	SSW	2	r	?	?	59	57	+2	?	1	bc	*	r	*	66	55	0·28
	Brest	29·81	53	SW	3	c	29·70	-·02	60	60	0	SSW	5	r	5	c	*	63	54	0·79
	Lorient... ...	29·89	59	NSW	4	c	29·81	-·05	62	61	+6	SSW	5	c	5	c	*	63	54	-
	Rochefort ...	29·95	67	NSW	4	c	29·93	+·02	64	64	-1	NSW	3	c	*	o, c	*	72	63	0·08
	Belfort	29·99	60	N	5	r	30·04	-·01	55	54	-7	W	2	c	*	r	*	64	52	0·24
	Lyons ...	30·12	57	E	1	b	30·10	+·03	53	50	-4	E	1	m	*	b	*	69	53	0·04
	Nice	29·89	66	SW	1	b	29·94	+·05	?	?	?	2	0	b	1	b	*	75	57	-
	Perpignan ...	30·05	66	2	0	b	30·07	+·14	61	58	+6	SW	1	b	*	b	*	76	54	-
	Biarritz ...	30·02	72	N	3	b	29·99	·00	71	61	+10	SSW	4	bc	2	b	*	73	61	-
PENINSULA.	Corunna ...																*			
	Lisbon	30·22	66	SW	3	bc	30·14	-·05	67	64	+1	SW	4	c	*	bc	*	72	64	-
	Azores (P. Delgada)	30·14	72	NSW	3	c	30·10	-·01	70	66	+1	NNW	3	c	3	c	*	77	68	-

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

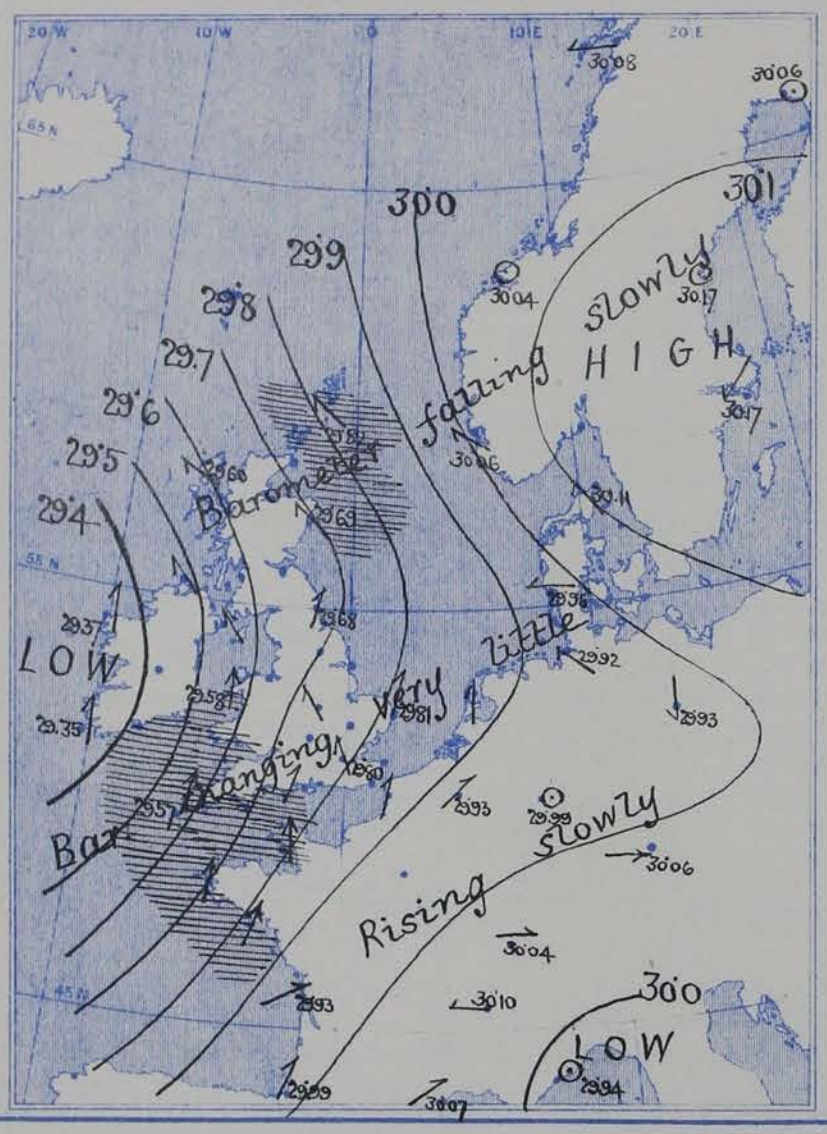
Bright Sunshine yesterday Southport 0·9 hrs; Eastbourne 1·0 hrs, Hastings (St. Leonards) 8·9 hrs.

WEATHER CHARTS

FOR Saturday 12th September, 1896.

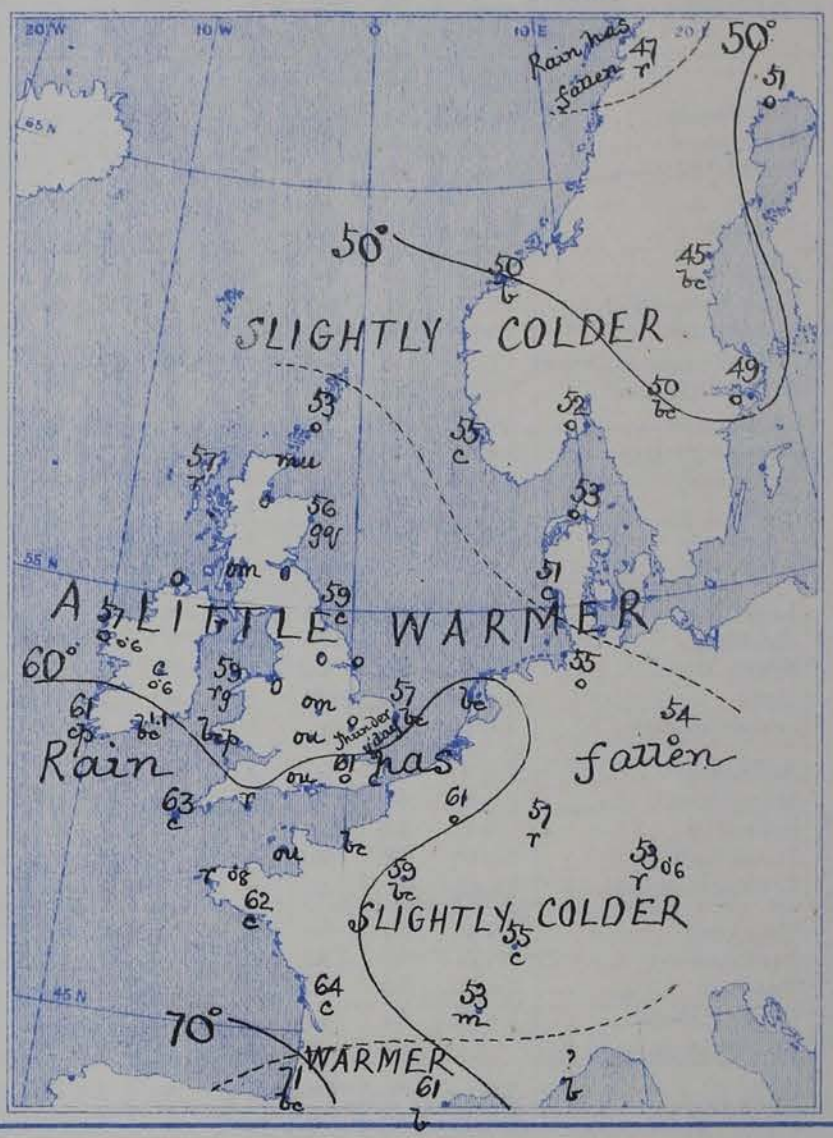
BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.
Force above 10 ⟶⟶ : *Force 5 to 7* ⟶ : } Calm ⊙
Force 8 to 10 ⟶ : *Force 1 to 4* ⟶ : }
SEA—Rough : *High*



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.
RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF SEPTEMBER.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of: Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Absolute Extremes: Maximum.	Years.	Minimum.	Years.	RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95. Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29 · 793	50 · 8	49 · 1	55 · 0	46 · 1	68	1880	34	1887, 88	3 · 38	—	—
Stornoway	29 · 814	51 · 5	50 · 2	56 · 5	45 · 8	69	1895	32	1871, 75, 85	4 · 09	103 · 3	27
Wick	29 · 831	52 · 0	50 · 1	57 · 8	45 · 7	74	1884, 91	29	1885, 87	2 · 51	—	—
Nairn	29 · 843	51 · 5	49 · 1	59 · 5	46 · 2	77	1895	25	1892	2 · 48	—	—
Aberdeen	29 · 863	52 · 3	49 · 8	59 · 3	46 · 6	79	1891	30	1887	2 · 89	124 · 2	33
Leith	29 · 887	53 · 3	50 · 8	62 · 0	47 · 5	81	1873, 91	33	1886	2 · 19	—	—
Shields	29 · 910	53 · 2	51 · 0	60 · 1	48 · 2	79	1895	34	1885, 89, 93	2 · 30	—	—
Spurn Head	29 · 947	55 · 6	53 · 8	60 · 7	52 · 5	75*	1895	38*	1892	1 · 83	—	—
York	29 · 896	52 · 9	51 · 0	63 · 2	47 · 5	83	1895	30	1885	2 · 45	118 · 4	32
Loughborough	29 · 971	53 · 6	51 · 9	65 · 4	47 · 6	86*	1891, 95	30*	1885, 94	2 · 50	—	—
Ardrossan	29 · 892	53 · 7	51 · 6	59 · 7	49 · 4	78	1880	32	1885	3 · 38	—	—
Donaghadee	29 · 916	53 · 6	52 · 4	60 · 0	49 · 4	71	1893	36	1882, 94	2 · 74	—	—
Holyhead	29 · 941	55 · 8	53 · 6	60 · 8	52 · 5	78	1880	43	1873, 85	3 · 10	—	—
Liverpool	29 · 947	54 · 7	52 · 0	61 · 5	50 · 9	82	1880	39	1885	3 · 17	—	—
Parsonstown	29 · 948	52 · 8	50 · 9	61 · 7	47 · 2	79	1880	31	1877, 93	2 · 92	124 · 7	33
Valencia	29 · 961	53 · 4	54 · 1	61 · 8	51 · 3	78	1895	38	1872, 93	4 · 38	130 · 4	35
Roche's Point	29 · 963	55 · 6	53 · 4	61 · 7	51 · 0	74	1880	39	1893	3 · 74	—	—
Pembroke	29 · 962	56 · 2	54 · 0	60 · 3	53 · 1	74	1895	40	1885	3 · 32	146 · 5	39
Scilly	29 · 982	58 · 5	56 · 4	62 · 0	54 · 8	72	1880, 93, 95	44	1885, 88	3 · 28	—	—
Prawle Point	30 · 004	57 · 2	55 · 3	62 · 5	52 · 3	76*	1889	36*	1885	2 · 41	—	—
Jersey	30 · 003	60 · 2	57 · 2	65 · 8	54 · 9	86	1895	41	1891	2 · 96	183 · 4	49
Hurst Castle	30 · 002	57 · 3	55 · 7	64 · 6	52 · 3	77	1895	35	1885	2 · 76	—	—
Dover	29 · 981	57 · 9	55 · 5	63 · 7	53 · 2	77	1880	32	1885	2 · 53	—	—
LONDON	29 · 991	55 · 8	53 · 4	66 · 5	49 · 6	87	1880	30	1877	2 · 17	111 · 5†	30†
Oxford	29 · 985	53 · 9	52 · 0	64 · 3	48 · 8	83	1880, 95	33	1885	2 · 43	141 · 0	38
Cambridge	29 · 979	54 · 6	52 · 9	66 · 0	47 · 9	88	1880	31	1885	2 · 13	144 · 2	39
Yarmouth	29 · 959	56 · 4	54 · 4	62 · 3	51 · 3	78	1880	33	1885	2 · 64	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE — Highest, 30·1 in: and upwards in an anticyclone lying over Sweden and the Baltic; 30·0 in: and upwards over the southern parts of France. Lowest, 29·4 in: and less, in a depression lying off the west of Ireland. Gradients moderate or slight generally. Barometer falling a little in the northern parts of our Islands, and also in Scandinavia, steady at most of our southern stations; rising in Germany and the Netherlands.

TEMPERATURE — Highest, 71° at Biarritz, 64° at Biarritz, 63° at Scilly and Jersey, and 62° at Dungeness, the North Foreland, and Lorient. Lowest, 45° at Hernösand, 47° at Bodö, 49° at Stockholm, 50° at Christiansund and Karlstad, and 51° at Haparanda and Faro. During yesterday the thermometer rose to 65° and upwards in many parts of the United Kingdom, the highest readings of all being 70° at York, 69° at Nairn, and 68° at Stornoway.

WIND — S or SE in our Islands, and fresh or strong in force on many parts of our western coasts. SW over the greater part of France; E at most of the Scandinavian stations, but calm over the north of Sweden.

WEATHER — Dull over Western Europe generally, with rain or passing showers on many parts of our western coasts, as well as at Nairnbaday, Munich and Bodö. Fine in the more central parts of Scandinavia, and also in the south of France. Rain fell yesterday over nearly the whole of our Islands, France and Germany, the largest amounts being 1·1 in: at Rocks Point, 0·8 in: at Brest, and 0·6 in: at Belmullet, Parsonstown and Munich. Thunder was heard yesterday in London and at Cambridge; a solar halo was seen at Jersey.

SEA — Rough at Cromarty Hd, and rather rough off the north of Scotland generally, as well as on our southwest coasts, moderate or slight elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There are at present no signs of any important change in the weather. Depressions continue to arrive off our west and southwest coasts, and there is still a tendency for the development of secondary systems over England and France.

FORECASTS

For the 24 hours ending at NOON on 13th SEPT. 1896.

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH 1 SCOTLAND EAST	SE winds, freshening; dull, unsettled, some rain.
2 ENGLAND N.E. 3 ENGLAND EAST 4 MIDLAND COUNTIES	Same as No. 5.
5 ENGLAND SOUTH	S winds, freshening; cloudy, unsettled, some rain.
6 SCOTLAND WEST 7 ENGLAND N.W.	Same as Nos. 0 and 1.
8 ENGLAND S.W.	S winds, fresh or strong; cloudy, unsettled, some rain.
9 IRELAND NORTH 10 IRELAND SOUTH	S and SE winds, increasing in force, unsettled, rain at times.
WARNINGS	NONE ISSUED.

Note.—The **South Cone**, *point downwards* ( ), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.) Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* ( ), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.) Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	30·08	61	53	SE	6	o	4
Sumburgh Head	29·85	56	55	SSE	4	o	6
Stornoway	29·66	68	64	ESE	3	c	3
Aberdeen	29·77	56	56	SE	4	dggm	5
Shields	29·72	60	59	ESE	2	o	3
Ardrossan	29·60	63	62	S	4	om	3
Malin Head ...	29·51	59	57	SSE	6	o	2
Belmullet	29·47	58	57	NSW	1	or	3*
Holyhead	29·61	62	60	S	4	ogp	

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	29·55	65	60	SW	3	c	2
Scilly	29·69	66	62	NSW	4	bc	4
Jersey	29·80	65	63	SW	4	c	4
Hurst Castle ...	29·75	65	61	SW	4	cu	3
Dungeness ...	29·77	63	62	SW	4	bc	3
North Foreland	29·79	64	62	SW	2	c	2
London (Westminster)	29·74	67	62	SW	3	o	*
Yarmouth ...	29·75	64	60	SSE	4	bc	3
Rochefort ...	29·94	71	67	SW	5	o	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning cloudy or dull over western and central Europe generally, with fog at many of the eastern stations in Great Britain, and rain in Ireland and Wales, as well as in Germany and the north of France. Fine over Southern Europe, as a whole, as well as in Finland, Scandinavia, and Denmark. Rain falling during day in nearly all the western and central countries, heavily in Ireland, and some parts of France and Germany. Thunder heard in London and at Cambridge.

Temperature fallen over western Europe, changed rather irregularly elsewhere. Morning readings highest, 81° at Tfort, 77° at Patras, Malta, and Algiers, and 76° at Tunis; above 65° in most parts of southern Europe. Lowest 36° at Archangel, 38° at Kuopio, 39° at Kharkov, and 40° at Helsingfors. Rising during day to 65° and upwards in many parts of the United Kingdom and to 70° at York. Exceeding 75° in the extreme south of France

Wind S³ or SW³ over the south of our Islands, the Netherlands, and the greater part of France, and strong in force on our southwest coast. E³ over Denmark, North Germany, the Baltic, and the south of Scandinavia, and SE over the northern part of our Islands. W³ over south Germany, but variable over Austria, Italy, and the Spanish Peninsula. No important change occurring over Western Europe during day.

Barometer 30·4 in: and upwards over Central Finland, 30·1 in: and upwards, in an anticyclone covering nearly the whole of Russia and Scandinavia and also in another system over Algeria and the southern parts of Spain. Lowest 29·5 in: and less, in a depression over Ireland; 29·8 in: and less, in a secondary system over Holland. Irish depression subsequently moving away to the northeastward, but new disturbance beginning to appear off our southwest coasts at night.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

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" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Sunday 13th September, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA	Haparanda ...	30·08	47	SW	2	b	30·08	+ ·02	50	47	− 1	W	4	b	*	b	*	51	45	—
	Hernösand ...	30·13	47	2	0	f	30·10	− ·07	42	41	− 3	2	0	0	*	f	*	61	37	—
	Stockholm ...	30·12	51	2	0	0	30·02	− ·15	55	51	+ 6	E	2	0	*	0	*	55	45	—
	Wisby	30·07	50	E	4	0	29·98		55	53		ESE	4	0	*	0	*	57	41	—
	Karlstad ...	30·10	52	NE	2	bc	30·01	− ·17	50	47	0	ESE	2	0	*	bc	*	*	*	—
	Bodö	30·02	50	E	2	0	29·93	− ·15	52	47	+ 5	E	2	b	1	0	*	52	47	0·08
	Christiansund ...	29·95	54	2	0	bc	29·80	− ·24	50	46	0	ESE	2	bc	1	bc	*	57	48	—
	Skudesnaes ...	29·94	55	SE	4	0	29·73	− ·33	53	50	− 2	E	8	r	4	0	*	57	52	*
	Færder (Christiania Fjord)	30·08	53	ENE	3	0	29·94	− ·22	54	51	+ 2	ESE	3	0	2	0	*	54	52	—
	Skagen (The Scaw)	30·04	54	SE	3	0	29·91	− ·20	52	48	+ 1	SSE	4	0	1	0	*	55	50	—
	Fanö	29·88	57	E	6	c	29·67	− ·31	57	55	+ 6	E	6	r	*	c	*	63	51	—
BRITISH ISLANDS	Sumburgh Head	29·68	54	SE	4	0	29·40	− ·42	55	54	+ 2	SE	4	r	6	0	*	55	49	0·08
	Stornoway ...	29·48	65	2	0	c	29·23	− ·37	55	55	− 2	2	0	0	0	0, c	4·1	65	?51	0·03
	Wick	29·54	54	SE	6	f	29·29	− ·44	56	56	0	SE	4	f	6	f, r	*	56	53	0·33
	Nairn	29·51	59	SE	1	bc	29·27	− ·37	57	56	− 2	2	0	c	1	bc	*	63	50	0·06
	Aberdeen ...	29·57	55	S	1	og	29·31	− ·38	56	55	0	SE	2	c	4	uf, og, q	0·9	58	54	0·30
	Leith	29·49	57	E	1	r	29·30	− ·35	54	53	− 3	ESE	1	0	*	r	*	67	48	0·19
	Shields	29·55	57	SSE	3	0	29·31	− ·37	54	54	− 5	SSE	1	om	2	r, 0	*	60	53	0·15
	Spurn Head ...	29·57	60	SE	3	c	29·30	− ·45	61	59	+ 3	SSE	2	c	3	0, tr	*	63	56	0·33
	York	29·56	61	SE	2	0	29·29	− ·43	57	57	+ 3	E	1	f	*	0	0·0	63	55	0·07
	Loughborough ...	29·56	60	S	2	c	29·29	− ·46	55	?52	− 1	SE	2	or	*	rth, p, c	*	64	53	0·16
	Ardrossan ...	29·44	60	ENE	2	pm	29·23	− ·36	56	56	− 3	NE	1	om	0	pm	*	60	53	0·10
	Malin Head ...	29·37	61	S	5	cm	29·18	− ·26	56	55	− 2	SE	4	c	2	cm	*	64	54	—
	Belmullet ...	29·34	62	S	3	bc	29·17	− ·20	58	56	+ 1	ENE	2	c	*	bc	*	67	56	—
	Donaghadee ...	29·45	59	SE	4	bc	29·20	− ·37	58	57	+ 1	ESE	5	0	3	p, bc	*	61	56	0·15
	Liverpool (Bidston)	29·51	58	ESE	2	bc	29·21	− ·44	56	55	+ 1	ESE	3	r	3	opm, bc	*	63	54	0·18
	Holyhead ...	29·47	59	S	3	bcm	29·17	− ·41	57	56	− 2	SE	3	dm	2	bcm	*	65	55	0·18
	Parsonstown ...	29·36	61	SE	1	bc	29·11	− ·33	57	55	0	2	0	b	*	bc, or	9·1	67	53	0·07
	Valencia ...	29·24	60	SSE	3	op	29·16	− ·19	58	57	− 3	WNW	2	op	3	c, op	5·8	64	54	0·18
	Roche's Point ...	29·32	60	SSE	5	p	29·16	− ·29	57	54	− 3	NW	2	bc	4	c, p, l	*	65	53	0·55
	Pembroke (St. Ann's Hd.)	29·47	60	SW	4	b	29·15	− ·41	57	56	− 3	WSW	5	p	5	b	8·0	63	57	0·35
	Scilly	29·47	62	S	4	c	29·20	− ·37	58	56	− 5	WSW	4	cp	4	b, c, l	8·9	68	56	0·19
	Prawle Point ...	29·58	58	SSW	4	f	29·26	− ·41	58	56	− 2	SSW	6	opq	5	rf, lrq	*	60	56	0·21
	Jersey (St. Aubin's)	29·66	64	SSW	5	omt	29·35	− ·44	63	61	0	S	6	omp	5	omr, lp	*	65	59	0·63
	Hurst Castle ...	29·62	64	SSW	5	cm	29·31	− ·44	62	60	− 1	SW	5	cp	3	om, cm	*	64	59	0·51
	Dungeness ...	29·68	61	SSW	4	r	29·39	− ·42	63	61	+ 1	SSW	5	c	4	r	*	64	61	0·08
	North Foreland	29·68	63	S	4	r	29·40	− ·44	63	61	+ 1	S	3	c	3	r	*	65	60	0·19
	London (Brixton) ...	29·64	61	SSW	2	c	29·35	− ·45	61	60	0	SSW	4	op	*	op, bl, or	0·0	64	59	0·42
	Oxford	29·57	59	SSE	3	b	29·30	− ·45	59	58	0	S	2	bc	*	p, bl	*	63	56	1·02
	Cambridge ...	29·61	61	S	1	r	29·33	− ·46	60	59	+ 2	SSE	1	cm	*	pt, lr	0·0	65	55	1·05
	Yarmouth ...	29·69	60	SSW	5	0	29·39	− ·42	62	60	+ 5	SSE	4	c	4	c, 0	*	63	55	0·43
GERMANY & HOLLAND	Cuxhaven ...	29·86	59	ESE	3	0	29·59	− ·33	56	56	+ 1	SE	4	0	*	0	*	61	54	—
	Berlin	29·97	57	SE	1	0	29·95	+ ·02	54	53	0	SE	3	0	*	0	*	59	53	—
	Wiesbaden ...	29·92	60	SW	2	0	29·76	− ·23	59	58	+ 2	2	0	0	*	*	*	68	55	0·04
	Munich	30·07	55	2	0	c	29·89	− ·17	53	51	0	SSW	3	bc	*	c	*	61	47	0·20
	The Helder ...	29·85	63	SE	1	0	29·60	− ·24	61	60	0	S	2	r	1	0	*	66	59	0·16
BELGIUM	Brussels ...	*	*	*	*	*	29·56	− ·36	59	59	− 2	SSE	1	r	*	r	*	69	59	?
	Cape Gris Nez ...	29·69	62	SW	5	r	29·43		62	61		S	5	0	5	r	*	64	60	0·16
	Paris	29·84	66	S	2	0	29·59	?	60	59	+ 1	S	2	0	*	0	*	69	59	0·43
	Brest	29·63	60	SSW	4	f	29·36	− ·34	60	58	0	SW	5	c	5	f	*	61	55	0·43
	Lorient	29·73	62	S	6	?	29·42	− ·39	?64	61	+ 2	W	6	?	6	?	*	66	59	0·47
FRANCE &	Rochefort ...	29·78	71	SE	1	r	29·59	− ·34	64	64	0	SSW	5	0	*	tr	*	79	63	0·43
	Belfort	29·94	62	W	1	bc	29·73	− ·31	56	54	+ 1	ENE	3	c	*	bc	*	70	52	—
	Lyons	29·96	66	E	1	bc	29·85	− ·25	68	58	+ 15	SSW	3	bc	*	bc	*	75	53	—
	Nice	29·93	65	SW	1	c	29·91	− ·03	63	58	?	2	0	b	1	c	*	75	63	—
	Perpignan ...	29·91	72	E	1	b	29·77	− ·30	64	62	+ 3	SW	1	0	*	b	*	80	59	—
	Biarritz ...	29·81	83	SSW	1	b	29·69	− ·30	65	63	− 6	SE	3	0	3	b, l	*	82	63	?
PENINSULA	Corunna ...	29·79	73	SSW	6	0	29·77		66	60		WSW	4	bo	5	0	*	73	60	1·63
	Lisbon	30·02	66	WSW	4	0	29·97	− ·17	66	62	− 1	WNW	4	bc	*	0	*	72	66	0·08
	Azores (P. Delgada)	30·16	66	NNW	4	b	30·14	+ ·04	68	63	− 2	NNW	3	c	2	b	*	77	63	—

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

Bright Sunshine yesterday Southport 0·7 hrs; Eastbourne 0·0 hrs; Hastings (St. Leonards ? hrs.

WEATHER CHARTS

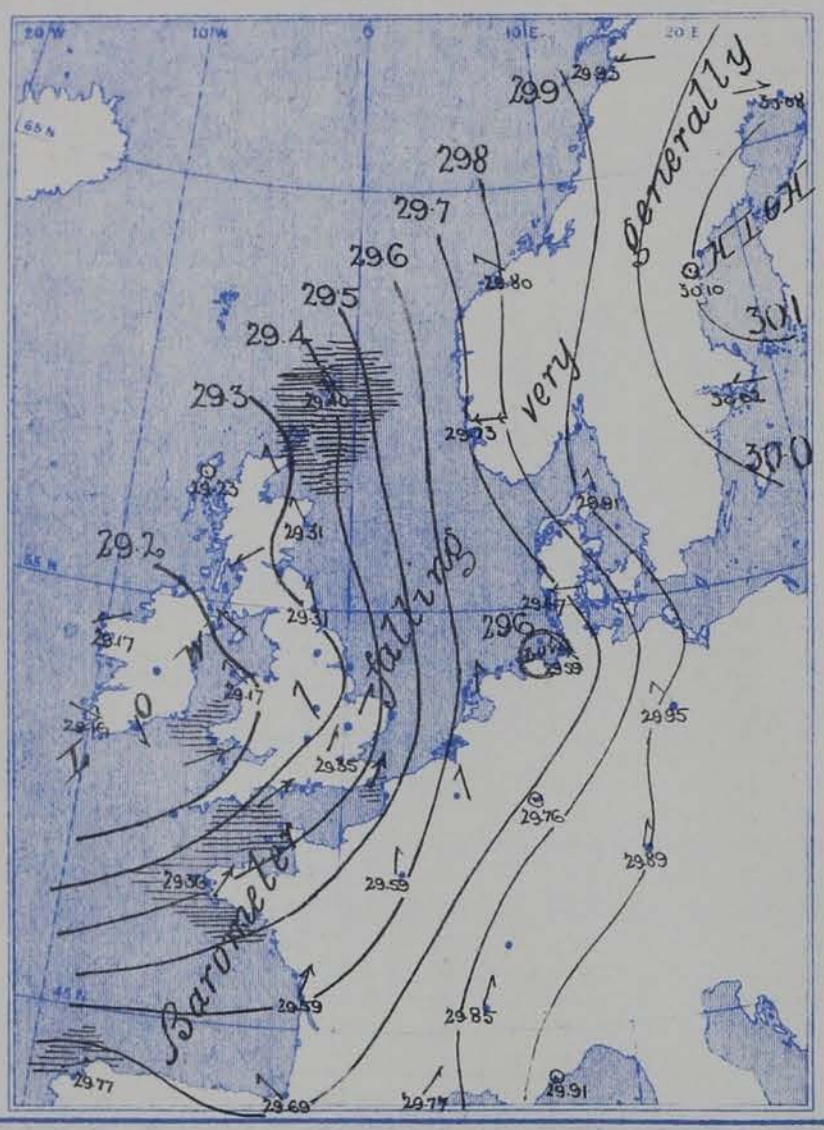
FOR SUNDAY, 13th SEPTr, 1896.

BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.

Force above 10 : *Force 5 to 7* : } Calm ⊙
Force 8 to 10 : *Force 1 to 4* : }

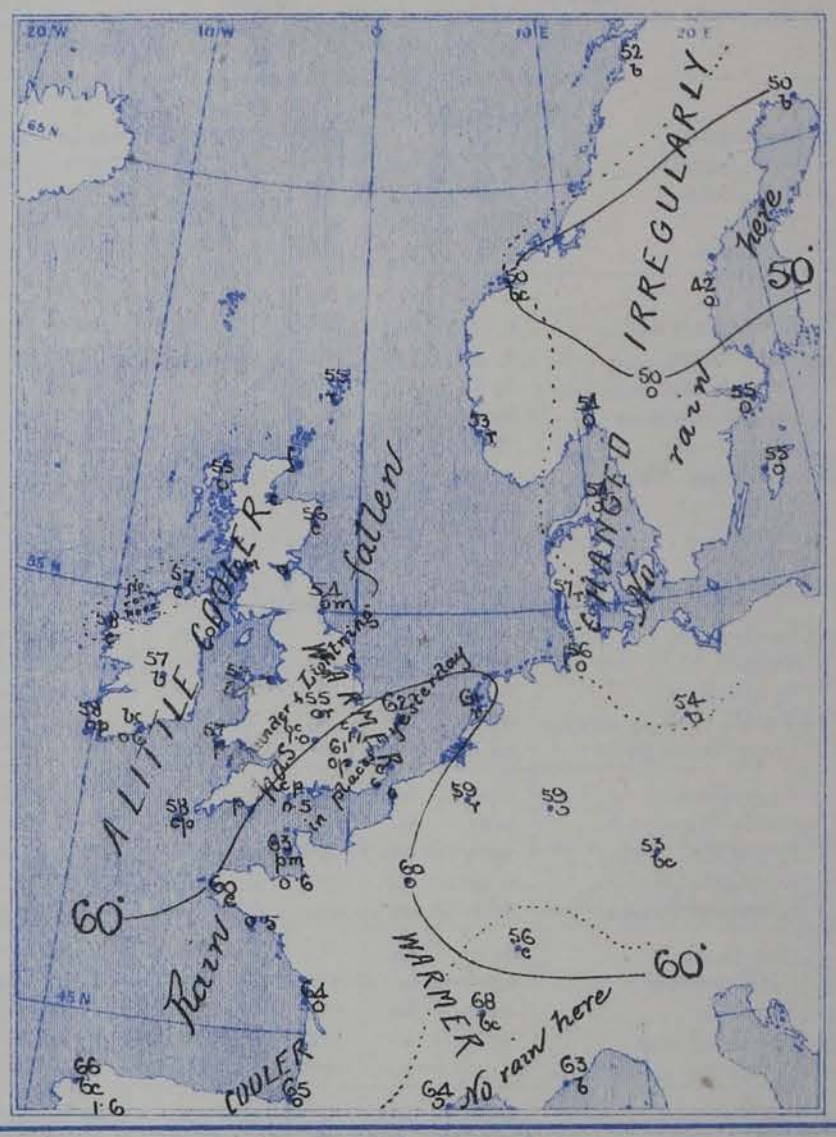
SEA—Rough : *High*



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus 0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF SEPTEMBER.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Absolute Extremes. Maximum.	Years.	Minimum.	Years.	RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95. Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29 · 793	50 · 8	49 · 1	55 · 0	46 · 1	68	1880	34	1887, 88	3 · 38	—	—
Stornoway	29 · 814	51 · 5	50 · 2	56 · 5	45 · 8	69	1895	32	1871, 75, 85	4 · 09	103 · 3	27
Wick	29 · 831	52 · 0	50 · 1	57 · 8	45 · 7	74	1884, 91	29	1885, 87	2 · 51	—	—
Nairn	29 · 843	51 · 5	49 · 1	59 · 5	46 · 2	77	1895	25	1892	2 · 48	—	—
Aberdeen	29 · 863	52 · 3	49 · 8	59 · 3	46 · 6	79	1891	30	1887	2 · 89	124 · 2	33
Leith	29 · 887	53 · 3	50 · 8	62 · 0	47 · 5	81	1873, 91	33	1886	2 · 19	—	—
Shields	29 · 910	53 · 2	51 · 0	60 · 1	48 · 2	79	1895	34	1885, 89, 93	2 · 30	—	—
Spurn Head	29 · 947	55 · 6	53 · 8	60 · 7	52 · 5	75*	1895	38*	1892	1 · 83	—	—
York	29 · 896	52 · 9	51 · 0	63 · 2	47 · 5	83	1895	30	1885	2 · 45	118 · 4	32
Loughborough	29 · 971	53 · 6	51 · 9	65 · 4	47 · 6	86*	1891, 95	30*	1885, 94	2 · 50	—	—
Ardrossan	29 · 892	53 · 7	51 · 6	59 · 7	49 · 4	78	1880	32	1885	3 · 38	—	—
Donaghadee	29 · 916	53 · 6	52 · 4	60 · 0	49 · 4	71	1893	36	1882, 94	2 · 74	—	—
Holyhead	29 · 941	55 · 8	53 · 6	60 · 8	52 · 5	78	1880	43	1873, 85	3 · 10	—	—
Liverpool	29 · 947	54 · 7	52 · 0	61 · 5	50 · 9	82	1880	39	1885	3 · 17	—	—
Parsonstown	29 · 948	52 · 8	50 · 9	61 · 7	47 · 2	79	1880	31	1877, 93	2 · 92	124 · 7	33
Valencia	29 · 961	56 · 4	54 · 1	61 · 8	51 · 3	78	1895	38	1872, 93	4 · 38	130 · 4	35
Roche's Point	29 · 963	55 · 6	53 · 4	61 · 7	51 · 0	74	1880	39	1893	3 · 74	—	—
Pembroke	29 · 962	56 · 2	54 · 0	60 · 3	53 · 1	74	1895	40	1885	3 · 32	146 · 5	39
Scilly	29 · 982	58 · 5	56 · 4	62 · 0	54 · 8	72	1880, 93, 95	44	1885, 88	3 · 28	—	—
Prawle Point	30 · 004	57 · 2	55 · 3	62 · 5	52 · 3	76*	1889	36*	1885	2 · 41	—	—
Jersey	30 · 003	60 · 2	57 · 2	65 · 8	54 · 9	86	1895	41	1891	2 · 96	183 · 4	49
Hurst Castle	30 · 002	57 · 3	55 · 7	64 · 6	52 · 3	77	1895	35	1885	2 · 76	—	—
Dover	29 · 981	57 · 9	55 · 5	63 · 7	53 · 2	77	1880	32	1885	2 · 53	—	—
LONDON	29 · 991	55 · 8	53 · 4	66 · 5	49 · 6	87	1880	30	1877	2 · 17	111 · 5†	30†
Oxford	29 · 985	53 · 9	52 · 0	64 · 3	48 · 8	83	1880, 95	33	1885	2 · 43	141 · 0	38
Cambridge	29 · 979	54 · 6	52 · 9	66 · 0	47 · 9	88	1880	31	1885	2 · 13	144 · 2	39
Yarmouth	29 · 959	56 · 4	54 · 4	62 · 3	51 · 3	78	1880	33	1885	2 · 64	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·1 ins. and upwards, in an anticyclone lying over the Gulf of Bothnia; 29·9 ins. and upwards over the southern parts of the Spanish Peninsula.
Lowest, 29·2 ins. and less, in a depression lying over Ireland and Wales; 29·6 ins. and less, in a small secondary disturbance near Cuxhaven.
Gradients moderate or slight generally.
Barometer falling in most places, but beginning to rise again at Valencia (Ireland).

TEMPERATURE

Highest, 68° at Lyons, 66° at Coruña and Lisbon, 65° at Biarritz, and 64° at Rochefort and Perpignan.
Lowest, 42° at Hernösand, 50° at Haparanda, Christiansund, and Karlstad, 52° at Bodö, and 53° at Skudesnaes.
During yesterday the thermometer rose to 65° and upwards in many parts of the United Kingdom and to 68° at Scilly.

WIND

Light from the westward in the south of Ireland; SW^{1} or S^{3} over France and the south of Great Britain, and strong in force in the western parts of the Channel.
Light to moderate from the SE.^{ly} over all the more northern parts of our Islands; E^{3} at most of the Scandinavian and Danish stations, with a gale at Skudesnaes.

WEATHER

Cloudy or unsettled over Western Europe generally, with rain or passing showers in many places.
Fine in the north of Scandinavia and also in the southern parts of France and Germany.
Rain fell yesterday over Western Europe generally; the largest amounts being 1·6 ins. at Coruña, 1·1 ins. at Cambridge, and 1·0 in. at Oxford. Thunder and lightning occurred in many parts of England and France.

SEA

Rough off the northeast of Scotland, and rather rough in the English Channel and Bay of Biscay, moderate or slight elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 14TH SEPTR 1896.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	NONE ISSUED.	6 SCOTLAND WEST	NONE ISSUED.
1 SCOTLAND EAST		7 ENGLAND N.W.	
2 ENGLAND N.E.		↓ 8 ENGLAND S.W.	
3 ENGLAND EAST		9 IRELAND NORTH	
4 MIDLAND COUNTIES		10 IRELAND SOUTH	
↓ 5 ENGLAND SOUTH		WARNINGS	At 9·40 am to district 5 and part of 8 "Hoist South Cone".

Note.—The **South Cone**, *point downwards* (↓), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.) Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.) Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	30·01	59	49	SE	6	c	4
Sumburgh Head	29·74	54	53	SE	4	o	6
Stornoway	29·35	60	59	E	1	o	1
Aberdeen	29·61	56	56	SSE	3	of	5
Shields	29·62	58	57	S	2	o	2
Ardrossan	29·51	60	59	2	0	p	0
Malin Head ...	29·42	60	58	SE	4	c	3
Belmullet	29·35	66	60	S	2	bc	*
Holyhead	29·52	64	61	SSW	4	bcm	3

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	29·32	63	59	SSE	4	c	5
Scilly	29·35	67	64	SSW	4	b	3
Jersey	29·71	64	63	SSE	4	or	5
Hurst Castle ...	29·66	64	61	SSW	6	om	4
Dungeness ...	29·75	62	61	SW	4	r	3
North Foreland	29·75	62	60	S	3	r	2
London (Westminster)	29·69	63	60	SSW	4	op	*
Yarmouth ...	29·76	63	60	S	4	c	3
Rochefort ...	29·88	78	72	S	2	c	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning dull over Western and Central Europe generally, with rain or passing showers at many of our own western stations, as well as at Bodö, Wiesbaden, and Munich. Rain falling later in all the more western and central countries — heavily in the south of our Islands and also at Corunna. Thunder and lightning occurring in many parts of England and France.

Temperature risen in many parts of the United Kingdom, fallen in Poland, Austria, and Italy, changed irregularly elsewhere. Morning readings highest 78° at Sfax, 76° at Barcelona, Malta, and Algiers, and 75° at Palermo; above 65° over Southern Europe generally, and above 60° at several of our own southern stations. Lowest 40° at Kuopio, 43° at Archangel and Kharkov, 44° at Helsingfors, and 45° at Hangö and St Petersburg. Rising during day to 65° and upwards in several parts of the United Kingdom, and reaching 68° at Scilly. Exceeding 75° in the south of France and touching 84° at Biarritz.

Wind S or SE in our Islands, and fresh or strong in force on many parts of our western coasts. Light to moderate from the SW over France and the Spanish Peninsula. E over northern Europe generally, but calm over the northern parts of Sweden. Light from the W over Austria and South Germany, and from the NW in Italy. No important change occurring over Western Europe during day.

Barometer highest 30·2 in. and upwards in an anticyclone over Northern Russia; 30·1 in. and upwards, in another system over Algeria and the southern and central parts of Spain. Lowest 29·4 in. and less, in a well marked depression off the west of Ireland; 29·9 in. and less, in a large shallow area extending northwards from Greece and southern Italy to Poland. Depression in west subsequently spreading eastwards, and barometer rising over Western Europe generally.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

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" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Monday, 14th September, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins	°	°	°							°	°	Ins.
SCANDINAVIA	Haparanda ...	30·08	50	N	0	0	30·01	-·07	50	49	0	SE	2	0	*	0	*	57	45	-
	Hernösand ...	29·99	51	N	0	0	29·91	-·19	54	52	+12	E	2	c	*	0	*	55	36	0·02
	Stockholm ...	29·95	50	E	2	b	29·90	-·12	54	50	-1	ESE	2	0	*	b	*	59	48	.
	Wisby														*		*			
	Karlstad ...	29·88	53	ESE	4	0	29·75	-·26	55	51	+5	ESE	6	bc	*	0	*	*	*	-
	Bodö	29·84	48	N	0	b	29·77	-·16	50	46	-2	E	2	b	1	b	*	59	45	-
	Christiansund ...	29·65	52	NE	1	b	29·50	-·30	55	49	+5	SE	3	c	2	b	*	57	50	-
	Skudesnaes ...	29·52	55	E	10	r	29·38	-·35	57	54	+4	E	6	r	4	r	*	57	52	*
	Færder (Christiania Fjord)	29·80	54	ENE	4	0	29·65	-·29	54	54	0	ESE	7	r	3	0	*	55	54	0·12
	Skagen (The Scaw)	29·72	58	SE	5	0	29·62	-·29	56	54	+2	SSE	8	r	3	0	*	59	54	0·12
	Fanö	29·45	60	E	6	r	29·47	-·20	59	57	+2	SSW	4	b	*	r	*	63	57	0·24
BRITISH ISLANDS.	Sumburgh Head	29·29	55	ESE	3	0	29·19	-·21	55	55	0	ESE	2	0	5	0	*	57	53	0·14
	Stornoway ...	29·19	61	N	0	c	29·11	-·12	55	55	0	SSE	2	0	2	b, c	5·2	66	45	-
	Wick	29·24	56	SE	4	f	29·17	-·12	53	53	-3	SE	3	f	6	f	*	60	52	-
	Nairn	29·18	61	N	0	bc	29·16	-·11	51	51	-6	N	0	c	1	bc	*	64	43	-
	Aberdeen ...	29·24	55	SSE	2	cm	29·20	-·11	56	55	0	S	2	bmw	3	o, cm	0·0	58	50	0·01
	Leith	29·18	57	E	2	0	29·20	-·10	56	55	+2	N	0	om	*	0	*	59	53	-
	Shields	29·22	56	N	0	r	29·28	-·03	59	56	+6	SSW	3	c	2	r	*	59	53	0·14
	Spurn Head ...	29·19	60	S	3	0	29·35	+·05	60	58	-1	WSW	3	b	3	c, r, c	*	67	54	0·10
	York	29·17	59	ESE	1	op	29·32	+·03	54	53	-3	S	2	b	*	c, t, p	1·9	68	50	0·07
	Loughborough ...	29·20	59	N	0	c	29·40	+·11	57	55	+2	WSW	3	bow	*	r, cp, bc	*	68	52	0·37
	Ardrossan ...	29·17	59	NE	1	cm	29·19	-·04	56	56	0	SSW	4	om	3	cm	*	62	54	0·02
	Malin Head ...	29·17	58	ENE	1	b	29·13	-·05	55	54	-1	S	3	oq	1	b	*	60	53	-
	Belmullet ...	29·18	58	WNW	1	b	29·10	-·07	57	56	-1	SW	4	or	*	b	*	62	56	0·15
	Donaghadee ...	29·17	58	SSE	5	0	29·25	+·05	55	55	-3	WSW	3	c	2	0	*	60	49	0·26
	Liverpool (Bidston)	29·18	58	S	1	c	29·34	+·13	59	56	+3	SW	2	0	3	op, or	*	65	53	0·45
	Holyhead ...	29·16	60	SSW	3	bc	29·32	+·15	57	56	0	SW	3	om	2	bc	*	64	54	-
	Parsonstown ...	29·20	59	N	0	c	29·24	+·13	55	53	-2	SE	1	or	*	c, p	5·4	66	53	0·10
	Valencia ...	29·30	59	WSW	3	c	29·19	+·03	59	58	+1	S	5	rm	5	c	3·7	62	54	0·44
	Roche's Point ..	29·24	63	NW	4	b	29·31	+·15	60	59	+3	SW	5	o	4	p, b	*	65	55	0·01
	Pembroke (St. Ann's Hd.)	29·26	58	W	4	c	29·40	+·25	60	58	+3	SW	5	c	5	c	8·4	62	57	0·05
	Scilly	29·35	61	W	5	c	29·44	+·24	61	60	+3	SSW	4	om	4	c	7·1	63	57	0·11
	Prawle Point ...	29·30	58	WSW	6	c	29·51	+·25	59	58	+1	WSW	4	om	3	c, q, p	*	61	57	0·06
	Jersey (St. Aubin's)	29·43	61	WSW	7	cq	29·59	+·24	63	61	0	SSW	5	om	5	cq, l, rq	*	65	59	0·56
	Hurst Castle ...	29·26	62	SW	7	0	29·52	+·21	63	58	+1	SW	4	cu	3	ou	*	63	59	0·14
	Dungeness ...	29·31	60	SSW	6	q, p	29·48	+·09	61	59	-2	W	6	c	5	q, p	*	65	57	0·50
	North Foreland	29·32	60	SSW	3	c	29·50	+·10	61	58	-2	SW	4	bc	3	c	*	65	56	0·10
	London (Brixton) ...	29·28	59	SW	2	bcp	29·50	+·15	59	56	-2	WSW	3	bc	*	op, t, b, q, p	1·8	62	55	0·36
	Oxford	29·26	58	SW	2	0	29·47	+·17	58	56	-1	SSW	2	o	*	cp	*	64	55	0·38
	Cambridge ...	29·23	60	SSW	3	b	29·44	+·11	59	57	-1	SW	4	bw	*	c, t, p	2·9	65	52	0·06
	Yarmouth ...	29·27	62	SW	3	cp	29·42	+·03	59	56	-3	SW	4	bc	3	cp	*	64	54	0·11
GERMANY & HOLLAND.	Cuxhaven ...	29·48	61	SE	5	r	29·52	-·07	57	57	+1	SSW	4	bc	*	p	*	66	54	0·08
	Berlin	29·70	60	SE	3	bc	29·71	-·24	59	58	+5	S	1	c	*	bc	*	68	54	-
	Wiesbaden ...	*	*	*	*	*	29·73	-·03	57	55	-2	N	0	bc	*	*	*	68	55	0·04
	Munich... ..	29·74	58	W	2	b	29·88	-·01	55	55	+2	SW	4	r	*	b	*	70	53	0·04
	The Helder ...																*			
BELGIUM.	Brussels ...	*	*	*	*	*	29·60	+·04	59	55	0	SSW	5	0	*	0	*	68	55	0·12
	Cape Gris Nez ...	29·35	60	W	6	r	29·47	+·04	60	59	-2	W	6	c	6	r	*	66	55	0·28
	Paris	29·57	58	SW	2	bc	29·69	+·10	59	57	-1	SSW	3	0	*	bc	*	68	55	0·20
	Brest	29·47	60	SW	5	c	29·53	+·17	60	60	0	S	3	f	4	c	*	63	52	-
	Lorient... ...	29·52	62	WSW	5	bc	?	?	61	61	+6	SW	6	r	5	bc	*	64	55	0·59
FRANCE &	Rochefort ...	29·74	66	WSW	6	0	29·74	+·15	64	64	0	WSW	4	0	*	bc, o	*	73	63	0·32
	Belfort	29·71	57	W	2	bc	29·80	+·07	56	54	0	WSW	3	0	*	bc	*	72	54	0·24
	Lyons ...	29·77	60	SSW	1	r	29·88	+·03	61	57	-7	WSW	1	bc	*	t, r, pl	*	79	56	0·20
	Nice	29·84	64	N	0	e	29·78	-·13	63	59	0	N	0	bc	0	c	*	73	59	-
	Perpignan ...	29·73	68	N	0	r	29·93	+·16	63	59	-1	S	2	b	*	r	*	?	55	-
	Biarritz ...	29·80	68	WNW	4	0	29·88	+·19	64	59	-1	N	0	b	6	0	*	73	61	-
PENINSULA.	Corunna ...																*			
	Lisbon	30·02	66	W	2	b	30·09	+·12	64	63	-2	NW	1	f	*	b	*	73	63	-
	Azores (P. Delgada)	30·12	71	WNW	3	c	30·08	-·06	72	69	+4	N	0	b	2	c	*	75	68	-

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

Bright Sunshine yesterday Southport 1·0 hrs; Eastbourne 1·6 hrs. Hastings (St. Leonards) 1·6 hrs.

WEATHER CHARTS

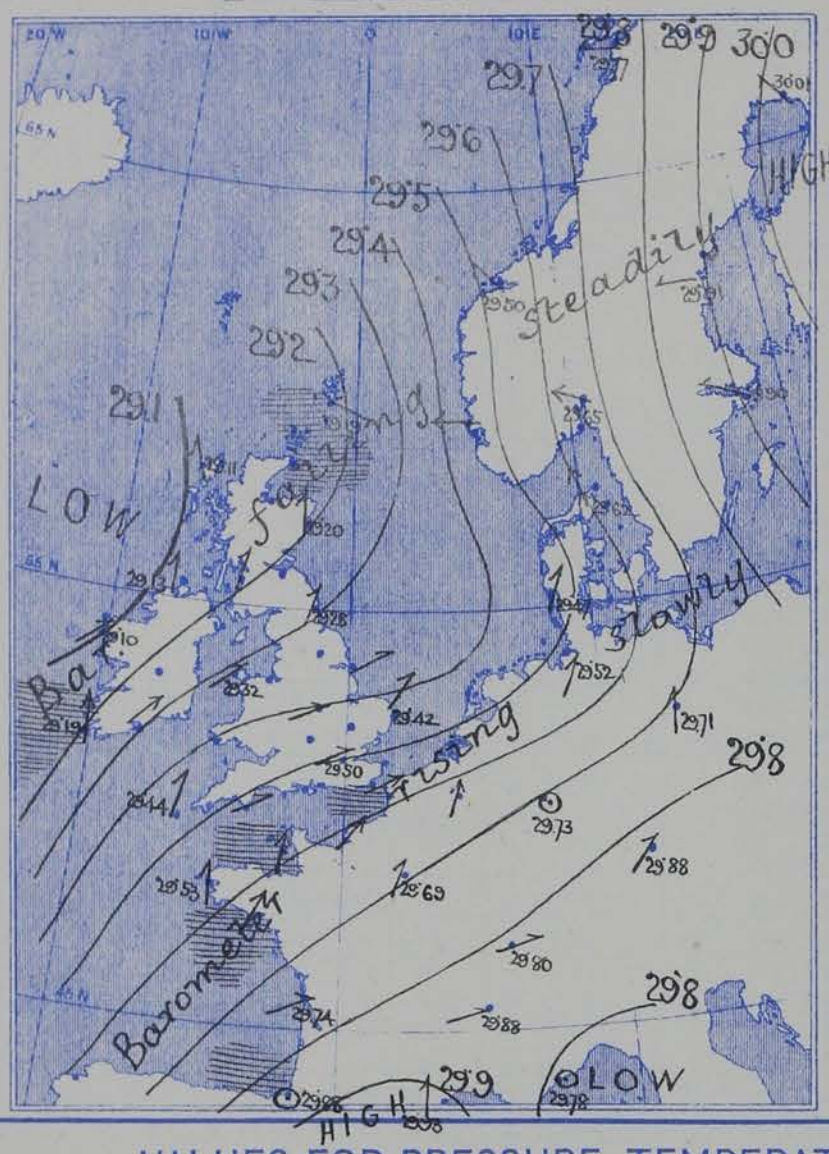
FOR MONDAY, 14TH September, 1896.

BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.

Force above 10 ; *Force 5 to 7* ; *Force 8 to 10* ; *Force 1 to 4* ; Calm ⊙

SEA—Rough ; *High*



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.

VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF SEPTEMBER.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of: Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Absolute Extremes: Maximum.	Years.	Minimum.	Years.	RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95. Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29 · 793	50 · 8	49 · 1	55 · 0	46 · 1	68	1880	34	1887, 88	3 · 38	—	—
Stornoway	29 · 814	51 · 5	50 · 2	56 · 5	45 · 8	69	1895	32	1871, 75, 85	4 · 09	103 · 3	27
Wick	29 · 831	52 · 0	50 · 1	57 · 8	45 · 7	74	1884, 91	29	1885, 87	2 · 51	—	—
Nairn	29 · 843	51 · 5	49 · 1	59 · 5	46 · 2	77	1895	25	1892	2 · 48	—	—
Aberdeen	29 · 863	52 · 3	49 · 8	59 · 3	46 · 6	79	1891	30	1887	2 · 89	124 · 2	33
Leith	29 · 887	53 · 3	50 · 8	62 · 0	47 · 5	81	1873, 91	33	1886	2 · 19	—	—
Shields	29 · 910	53 · 2	51 · 0	60 · 1	48 · 2	79	1895	34	1885, 89, 93	2 · 30	—	—
Spurn Head	29 947	55 · 6	53 · 8	60 · 7	52 · 5	75*	1895	38*	1892	1 · 83	—	—
York	29 · 896	52 · 9	51 · 0	63 · 2	47 · 5	83	1895	30	1885	2 · 45	118 · 4	32
Loughborough	29 · 971	53 · 6	51 · 9	65 · 4	47 · 6	86*	1891, 95	30*	1885, 94	2 · 50	—	—
Ardrossan	29 · 892	53 · 7	51 · 6	59 · 7	49 · 4	78	1880	32	1885	3 · 38	—	—
Donaghadee	29 · 916	53 · 6	52 · 4	60 · 0	49 · 4	71	1893	36	1882, 94	2 · 74	—	—
Holyhead	29 · 941	55 · 8	53 · 6	60 · 8	52 · 5	78	1880	43	1873, 85	3 · 10	—	—
Liverpool	29 · 947	54 · 7	52 · 0	61 · 5	50 · 9	82	1880	39	1885	3 · 17	—	—
Parsonstown	29 · 948	52 · 8	50 · 9	61 · 7	47 · 2	79	1880	31	1877, 93	2 · 92	124 · 7	33
Valencia	29 · 961	56 · 4	54 · 1	61 · 8	51 · 3	78	1895	38	1872, 93	4 · 38	130 · 4	35
Roche's Point	29 · 963	55 · 6	53 · 4	61 · 7	51 · 0	74	1880	39	1893	3 · 74	—	—
Pembroke	29 · 962	56 · 2	54 · 0	60 · 3	53 · 1	74	1895	40	1885	3 · 32	146 · 5	39
Scilly	29 · 982	58 · 5	56 · 4	62 · 0	54 · 8	72	1880, 93, 95	44	1885, 88	3 · 28	—	—
Prawle Point	30 · 004	57 · 2	55 · 3	62 · 5	52 · 3	76*	1889	36*	1885	2 · 41	—	—
Jersey	30 · 003	60 · 2	57 · 2	65 · 8	54 · 9	86	1895	41	1891	2 · 96	183 · 4	49
Hurst Castle	30 · 002	57 · 3	55 · 7	64 · 6	52 · 3	77	1895	35	1885	2 · 76	—	—
Dover	29 · 981	57 · 9	55 · 5	63 · 7	53 · 2	77	1880	32	1885	2 · 53	—	—
LONDON	29 · 991	55 · 8	53 · 4	66 · 5	49 · 6	87	1880	30	1877	2 · 17	111 · 5†	30†
Oxford	29 · 985	53 · 9	52 · 0	64 · 3	48 · 8	83	1880, 95	33	1885	2 · 43	141 · 0	38
Cambridge	29 · 979	54 · 6	52 · 9	66 · 0	47 · 9	88	1880	31	1885	2 · 13	144 · 2	39
Yarmouth	29 · 959	56 · 4	54 · 4	62 · 3	51 · 3	78	1880	33	1885	2 · 64	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·0 in. and upwards, over Lapland and also over the southern parts of the Spanish Peninsula.
Lowest, 29·1 in. and less, in a depression lying to the westward of our Islands.
Gradients moderate or slight generally. Barometer falling in the west and north of our Islands, and also in Scandinavia, but rising elsewhere.

TEMPERATURE

Highest, 64° at Rochefort, Biarritz, and Lisbon, and 63° at Jersey, Hurst Castle, Nice, and Perpignan.
Lowest, (1) 50° at Bodö and Haparanda, and 54° at Stockholm and Wisby; (2) 51° at Nairn, 53° at Wick, and 54° at York.
During yesterday the thermometer rose to between 60° and 65° in many parts of our Islands, to 67° at Spurn Hd., and to 68° at York and Loughborough.

WIND

SW. over Ireland, England, France, Germany, and the Netherlands; moderate to fresh in force generally, but strong in the Straits of Dover.
Light from the SE. in the north of Scotland, and strong from the same quarter on the eastern shores of the North Sea, with a gale at the Sound, E. in Sweden and the north of Norway.
A fresh gale from the SW. was experienced yesterday over the English Channel.

WEATHER

Cloudy or dull over Western Europe as a whole, with rain in the west of Ireland and also in the south of Norway.
Fine in the eastern parts of Great Britain, ~~generally~~ as well as most of the German and southern French stations, but rainy at Munich.
Rain fell yesterday in most parts of our area, the largest amounts being 0·6 in. at Jersey and Lorient, and 0·5 in. at Liverpool and Rungsund.
Thunder and lightning occurred yesterday at several of the English stations and also at Lyons.

SEA

Rather rough on the more exposed parts of our southeastern, southern, and extreme northern coasts.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

A new depression is approaching Ireland, and will probably spread eastwards. Unsettled weather is therefore likely to continue in most districts, with southerly to southwesterly gales on our south and southwest coasts.

FORECASTS

For the 24 hours ending at NOON on 15th SEPTr 1896.

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH 1 SCOTLAND EAST	S. and SE. winds, freshening; cloudy, unsettled, some rain.
2 ENGLAND N.E. 3 ENGLAND EAST 4 MIDLAND COUNTIES	SW. to S. winds, freshening; cloudy, gusty, some rain.
⚠ 5 ENGLAND SOUTH	SW. winds, increasing in force; a gale on coast; squally, some rain.
6 SCOTLAND WEST 7 ENGLAND N.W.	Same as Nos. 2 to 4.
⚠ 8 ENGLAND S.W.	S. and SW. winds, increasing to a gale; squally, rain at times.
9 IRELAND NORTH	SW. to S. winds, increasing in force; squally, some rain.
⚠ 10 IRELAND SOUTH	Same as No. 8.
WARNINGS	At 10·15 am to districts 10 and part of 8 "Hoist South Cone". The signals are still flying in district 5 and the remainder of 8.

Note.—The **South Cone**, *point downwards* (⚠), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (⚠), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29.62	57	51	E	8	o	5
Sumburgh Head							
Stornoway	29.21	65	62	SSE	1	b	1
Aberdeen							
Shields							
Ardrossan							
Malin Head ...	29.16	60	58	ESE	4	b	2
Belmullet	29.16	61	59	NE	2	b	*
Holyhead							

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia		—					
Scilly							
Jersey	29.39	64	59	SW	7	c	6
Hurst Castle ...							
Dungeness ...	29.30	61	58	S	6	cqp	4
North Foreland	29.31	62	59	S	4	c	3
London (Westminster)							*
Yarmouth ...							
Rochefort ...	29.64	69	66	N	5	bc	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Continental Information not received.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD FROM THE 6TH TO THE 12TH SEPTR. 1896.

The weather of last week remained in an extremely unsettled state, especially over Ireland, England, and the neighbouring parts of the Continent, where rain was frequent, and at times heavy.

At the commencement of the week a slight and temporary improvement in the weather was experienced in the rear of a depression which had previously travelled eastwards across the south of England, and which entirely dispersed over North Germany. On Monday however, a new disturbance began to appear off our extreme south west coasts, and in the course of the two succeeding days this system spread northwards and eastwards, and occasioned heavy falls of rain in the west and south of our Islands, with smart thunderstorms in many parts of England and France.

During the remainder of the week the distribution of pressure was very complex. Two anticyclones were in existence, one over northern, and the other over southeastern Europe, and while depressions advanced in quick succession towards our western coasts, small secondary systems were developed over the more southern parts of our area, the winds being mainly from the E^ly or SE^ly in the north, but from the S^ly in the south. Rain fell very generally, and on Thursday, when a well marked secondary depression advanced in an east-northeasterly direction over the Channel and south of England, large amounts were registered at many southern stations, with thunderstorms in the southeast of England. On the same day a whirlwind, or tornado, swept over Paris, and caused within a limited area a large amount of damage. At the close of the week there were no signs of any improvement in the weather, heavy rains being again experienced on Saturday night over the southern parts of the United Kingdom generally.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.
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DAILY WEATHER REPORT

for 8 a.m. on Tuesday 15th September, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Change since Yesterday.	Temperature. Dry Bulb.	Wet Bulb.	Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	29.95	50	L	0	0	29.86	− .15	51	51	+ 1	L	0	r	*	0	*	52	43	—
	Hernösand ...	29.87	54	SE	4	0	29.69	− .22	55	54	+ 1	SSE	6	0	*	0	*	55	48	0.04
	Stockholm ...	29.88	58	SE	2	0	29.75	− .15	59	57	+ 5	SSE	6	0	*	0	*	61	48	0.04
	Wisby														*		*			
	Karlstad ...	29.79	56	SSE	6	0	29.50	− .25	57	55	− 2	SSE	6	r	*	0	*	*	*	0.08
	Bodö	29.69	51	SE	1	b	29.49	− .28	55	49	+ 5	ENE	4	b	2	b	*	61	50	—
	Christiansund ...	29.42	58	ESE	4	c	28.99	− .51	?	?	?	ESE	5	c	2	c	*	61	55	—
	Skudesnaes ...	29.36	59	S	10	r	29.36	− .02	55	49	− 2	SW	9	c	6	r	*	61	46	*
	Færder (Christiania Fjord)	29.62	58	ESE	4	0	29.32	− .33	59	57	+ 5	SSW	7	c	4	0	*	59	54	1.18
	Skagen (The Scaw)	29.63	59	S	3	0	29.49	− .13	57	54	+ 1	WNW	4	b	2	0	*	61	55	0.32
	Fanö	29.57	60	SSW	4	c	29.63	+ .16	59	53	0	W	6	c	*	c	*	66	57	—
BRITISH ISLANDS.	Sumburgh Head	29.02	55	SSE	2	0	?	?	51	48	− 4	?	?	c	6	f,o	*	57	50	0.47
	Stornoway ...	28.88	54	W	5	0	29.26	+ .15	49	49	− 6	WSW	4	c	4	orw,o	0.2	57	46	0.50
	Wick	28.94	54	S	3	r	29.29	+ .12	53	51	0	W	7	b	3	r	*	56	46	0.15
	Nairn	28.93	56	W	3	c	29.35	+ .19	51	50	0	W	3	op	3	c	*	60	45	0.06
	Aberdeen ...	29.03	56	S	5	orgq	29.44	+ .24	54	48	− 2	SW	4	b	2	og,rq,l	2.8	62	46	0.27
	Leith	29.06	54	W	4	0	29.50	+ .30	54	49	− 2	WSW	4	b	*	0	*	63	47	0.31
	Shields	29.13	59	S	4	p	29.63	+ .35	58	51	− 1	SW	3	bc	2	p	*	63	50	0.05
	Spurn Head ...	29.30	63	S	6	0	29.75	+ .40	57	54	− 3	WSW	4	b	3	b,o,p	*	63	51	0.06
	York	29.25	60	S	4	r	29.72	+ .40	54	54	0	SSW	3	b	*	r	?	65	48	0.09
	Loughborough ...	29.37	62	SW	3	r	29.82	+ .42	54	50	− 3	SSW	1	bwv	*	pq,bc,b	*	64	50	0.11
	Ardrossan ...	29.12	56	WNW	4	bcp	29.56	+ .37	54	53	− 2	SW	5	c	4	p,bc	*	59	52	0.10
	Malin Head ...	29.18	54	W	7	cp	29.46	+ .33	50	49	− 5	S	6	crq	4	cp	*	59	49	0.26
	Belmullet ...	29.34	56	W	6	bc	29.51	+ .41	55	51	− 2	W	5	bcpq	*	bc	*	58	55	0.42
	Donaghadee ...	29.24	57	W	5	b	29.61	+ .36	51	49	− 4	WSW	5	bc	3	p,b	*	60	45	0.17
	Liverpool (Bidston)	29.29	58	W	6	0	29.75	+ .41	55	50	− 4	SSW	2	bc	4	op	*	65	50	0.14
	Holyhead ...	29.36	57	W	7	cpq	29.71	+ .39	57	54	0	SW	4	r	3	rq,cpq	*	61	51	0.24
	Parsonstown ...	29.44	54	W	1	bc	29.65	+ .41	53	51	− 2	SE	1	d	*	bc,p	3.6	62	47	0.25
	Valencia ...	29.53	58	WSW	5	cq	29.69	+ .50	57	53	− 2	SW	4	bc	5	cq,r	5.7	62	52	0.76
	Roche's Point ..	29.52	59	WNW	4	b	29.73	+ .42	58	55	− 2	WSW	3	bc	4	r,b	*	64	51	0.10
	Pembroke (St. Ann's Hd.)	29.42	60	WNW	5	b	29.77	+ .37	59	57	− 1	WSW	5	b	4	b	0.7	61	57	0.06
	Scilly	29.60	61	WNW	4	c	29.79	+ .35	63	61	+ 2	SSW	3	c	4	m,c	2.2	64	58	0.02
	Prawle Point ...	29.55	60	WSW	6	c	29.88	+ .37	59	58	0	SSW	3	om	2	cp	*	60	57	0.02
	Jersey (St. Aubin's)	29.69	65	WSW	4	og	29.93	+ .34	62	61	− 1	WSW	4	omgp	4	p,og	*	67	60	0.13
	Hurst Castle ...	29.54	62	SW	6	pd	29.89	+ .37	62	58	− 1	SW	2	c	2	om,pd	*	65	58	0.02
	Dungeness ...	29.56	62	WSW	6	og	29.89	+ .41	61	57	0	WSW	3	o	3	oq	*	66	59	0.01
	North Foreland	29.56	64	SSW	4	0	29.90	+ .40	59	55	− 2	SW	2	o	2	o	*	66	55	—
	London (Brixton) ...	29.50	63	SSW	2	0	29.91	+ .41	58	55	− 1	WSW	2	bc	*	c,bc	3.4	67	54	—
	Oxford	29.52	62	WSW	5	r	29.87	+ .40	58	55	0	SSW	5	b	*	bo,op	*	66	53	0.03
	Cambridge ...	29.44	63	S	4	0	29.87	+ .43	55	53	− 4	SW	2	b	*	bc,o	3.3	65	52	—
	Yarmouth ...	29.49	63	SSW	4	c	29.83	+ .41	57	53	− 2	WSW	5	b	3	c,cg	*	64	53	—
GERMANY & HOLLAND.	Cuxhaven ...	29.63	61	SSW	3	c	29.73	+ .21	59	59	+ 2	WNW	2	or	*	c	*	64	55	0.12
	Berlin	29.83	61	SE	2	b	29.86	+ .15	59	57	0	SW	3	o	*	b	*	68	54	—
	Wiesbaden ..	*	*	*	*	*	29.99	+ .26	63	62	+ 6	L	0	o	*	*	*	68	57	0.12
	Munich	30.04	56	SW	2	bc	30.17	+ .29	59	55	+ 4	SW	5	bc	*	bc	*	66	52	0.04
	The Helder ...	29.58	63	SW	4	0	29.84	+ .41	61	56	+ 1	W	4	c	2	o	*	64	61	0.08
BELGIUM.	Brussels ...	*	*	*	*	*	29.97	+ .37	59	58	0	SW	3	r	*	o	*	67	58	0.04
	Cape Gris Nez ...																*			
	Paris	29.77	64	SW	3	0	29.99	+ .30	62	61	+ 3	SW	3	o	*	o	*	65	59	0.04
	Brest	29.72	62	SW	4	f	29.89	+ .36	60	59	0	S	3	r	4	f	*	63	55	?0.04
	Lorient	29.79	63	SW	5	0	29.90	?	60	60	− 1	WSW	4	?	4	o	*	63	54	0.55
FRANCE &	Rochefort ...	29.88	66	WSW	5	c	30.01	+ .27	65	65	+ 1	WSW	4	o	*	r,c	*	68	64	0.28
	Belfort	29.91	61	W	2	0	30.10	+ .30	58	58	+ 2	W	2	m	*	o	*	67	56	—
	Lyons														*		*			
	Nice	29.84	70	L	0	bc	30.05	+ .27	65	60	+ 2	WSW	2	b	0	bc	*	82	59	—
	Perpignan ...	29.99	69	SE	1	bc	30.12	+ .19	64	61	+ 1	SW	1	bc	*	bc	*	75	57	—
	Biarritz ...	29.98	73	L	0	0	30.06	+ .18	63	59	− 1	E	3	b	4	o	*	77	59	—
PENINSULA.	Corunna ...																*			
	Lisbon	30.11	66	N	3	?b	30.11	+ .02	66	62	+ 2	NW	2	?b	*	?b	*	75	61	—
	Azores (P. Delgada)	30.13	71	W	2	b	30.13	+ .05	70	68	− 2	NW	2	bc	2	b	*	77	68	—

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster*

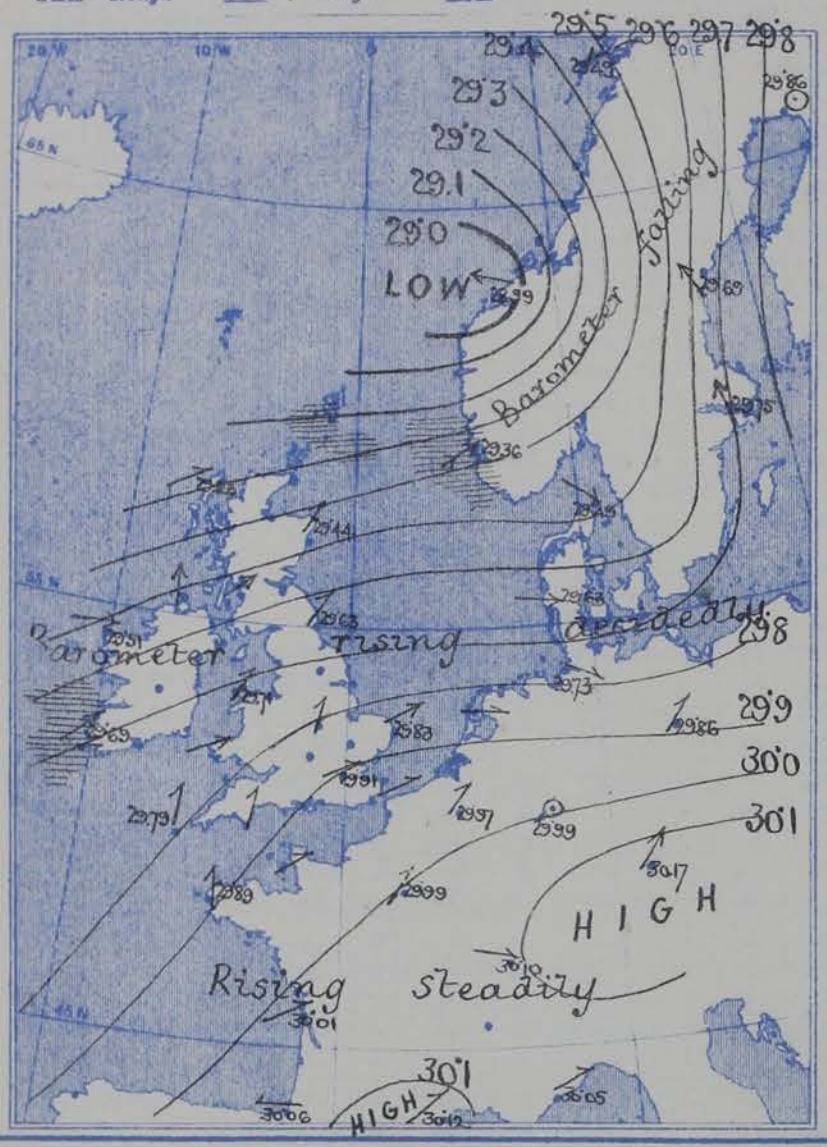
Bright Sunshine yesterday Southport 0.2 *hrs; Eastbourne* 2.8 *hrs; Hastings (St. Leonards)* 4.8 *hrs.*

WEATHER CHARTS

FOR *Tuesday, 15th September.* 1896.

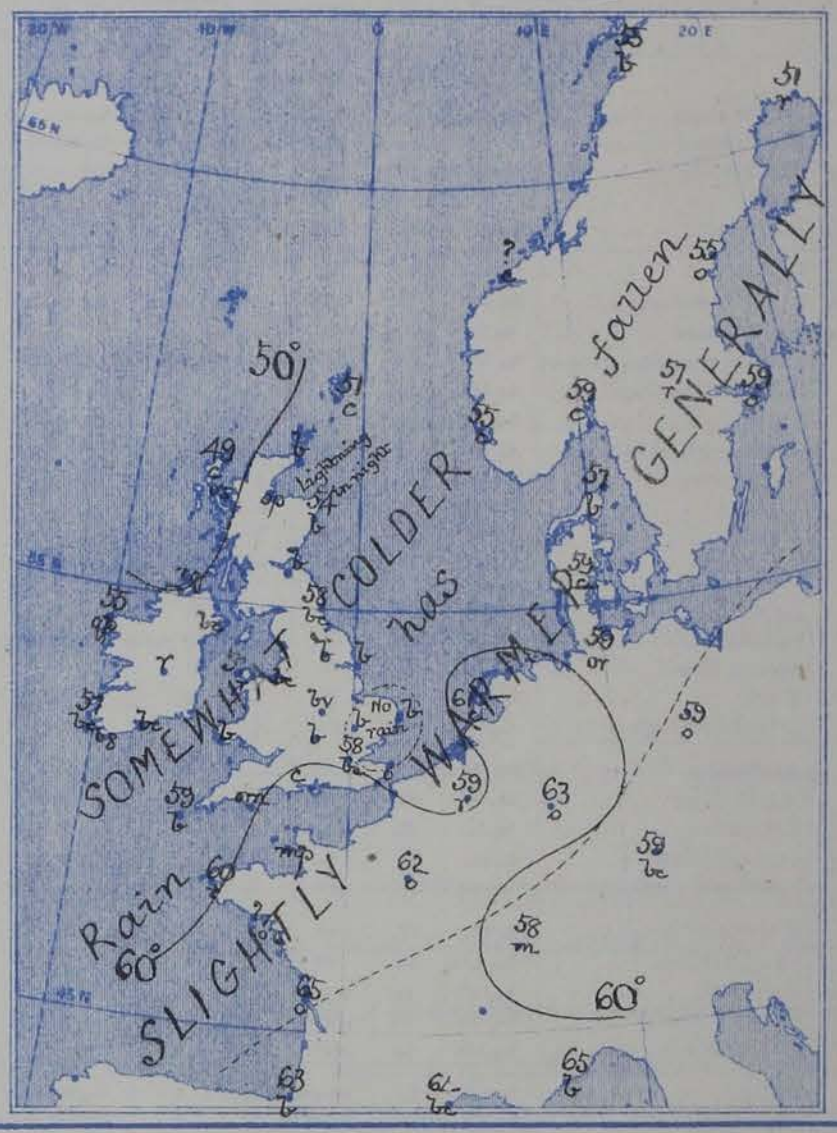
BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.
Force above 10 : *Force 5 to 7* : *Force 8 to 10* : *Force 1 to 4* : *Calm* ⊙
SEA—Rough : *High*



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.
RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF SEPTEMBER.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of: Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Absolute Extremes: Maximum.	Years.	Minimum.	Years.	RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95. Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29 · 793	50 · 8	49 · 1	55 · 0	46 · 1	68	1880	34	1887, 88	3 · 38	—	—
Stornoway	29 · 814	51 · 5	50 · 2	56 · 5	45 · 8	69	1895	32	1871, 75, 85	4 · 09	103 · 3	27
Wick	29 · 831	52 · 0	50 · 1	57 · 8	45 · 7	74	1884, 91	29	1885, 87	2 · 51	—	—
Nairn	29 · 843	51 · 5	49 · 1	59 · 5	46 · 2	77	1895	25	1892	2 · 48	—	—
Aberdeen	29 · 863	52 · 3	49 · 8	59 · 3	46 · 6	79	1891	30	1887	2 · 89	124 · 2	33
Leith	29 · 887	53 · 3	50 · 8	62 · 0	47 · 5	81	1873, 91	33	1886	2 · 19	—	—
Shields	29 · 910	53 · 2	51 · 0	60 · 1	48 · 2	79	1895	34	1885, 89, 93	2 · 30	—	—
Spurn Head	29 · 947	55 · 6	53 · 8	60 · 7	52 · 5	75*	1895	38*	1892	1 · 83	—	—
York	29 · 896	52 · 9	51 · 0	63 · 2	47 · 5	83	1895	30	1885	2 · 45	118 · 4	32
Loughborough	29 · 971	53 · 6	51 · 9	65 · 4	47 · 6	86*	1891, 95	30*	1885, 94	2 · 50	—	—
Ardrossan	29 · 892	53 · 7	51 · 6	59 · 7	49 · 4	78	1880	32	1885	3 · 38	—	—
Donaghadee	29 · 916	53 · 6	52 · 4	60 · 0	49 · 4	71	1893	36	1882, 94	2 · 74	—	—
Holyhead	29 · 941	55 · 8	53 · 6	60 · 8	52 · 5	78	1880	43	1873, 85	3 · 10	—	—
Liverpool	29 · 947	54 · 7	52 · 0	61 · 5	50 · 9	82	1880	39	1885	3 · 17	—	—
Parsonstown	29 · 948	52 · 8	50 · 9	61 · 7	47 · 2	79	1880	31	1877, 93	2 · 92	124 · 7	33
Valencia	29 · 961	56 · 4	54 · 1	61 · 8	51 · 3	78	1895	38	1872, 93	4 · 38	130 · 4	35
Roche's Point	29 · 963	55 · 6	53 · 4	61 · 7	51 · 0	74	1880	39	1893	3 · 74	—	—
Pembroke	29 · 962	56 · 2	54 · 0	60 · 3	53 · 1	74	1895	40	1885	3 · 32	146 · 5	39
Scilly	29 · 982	58 · 5	56 · 4	62 · 0	54 · 8	72	1880, 93, 95	44	1885, 88	3 · 28	—	—
Prawle Point	30 · 004	57 · 2	55 · 3	62 · 5	52 · 3	76*	1889	36*	1885	2 · 41	—	—
Jersey	30 · 003	60 · 2	57 · 2	65 · 8	54 · 9	86	1895	41	1891	2 · 96	183 · 4	49
Hurst Castle	30 · 002	57 · 3	55 · 7	64 · 6	52 · 3	77	1895	35	1885	2 · 76	—	—
Dover	29 · 981	57 · 9	55 · 5	63 · 7	53 · 2	77	1880	32	1885	2 · 53	—	—
LONDON	29 · 991	55 · 8	53 · 4	66 · 5	49 · 6	87	1880	30	1877	2 · 17	111 · 5†	30†
Oxford	29 · 985	53 · 9	52 · 0	64 · 3	48 · 8	83	1880, 95	33	1885	2 · 43	141 · 0	38
Cambridge	29 · 979	54 · 6	52 · 9	66 · 0	47 · 9	88	1880	31	1885	2 · 13	144 · 2	39
Yarmouth	29 · 959	56 · 4	54 · 4	62 · 3	51 · 3	78	1880	33	1885	2 · 64	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.1 ins. and more to 30.0 ins. over Spain and the greater part of France, Austria & Switzerland.
Lowest below 29.0 ins. at Christiansund, and below 29.3 ins. over the north of Scotland.
Gradients somewhat steep, and mainly favourable for SW. winds in our Islands, and S. to E. over Scandinavia.
Barometer rising over the British Islands and France, but the rise seemed to be much checked at the mouth of the English Channel.

TEMPERATURE

Highest 66° to 60° on the Spanish and French coasts, 63° at Scilly, 61° at Dungeness.
Lowest 49° at Stornoway, 50° at Malin H., 54° at Leith and Loughborough.
The highest of the maxima recorded ~~recorded~~ yesterday were 65° to 67° over England, 65° at Paris, 68° at Berlin.

WIND

SW. (S.SW to W.SW) over our Islands, W. over the North Sea, but S. to E. over Scandinavia. They were strong and squally at the more northern of the stations, moderate elsewhere.
At the mouth of the Channel they had 'backed' to S. again.

WEATHER

Rather finer generally than of late, but rain was still falling at some of our western stations.
Rain fell yesterday at almost all of our stations, in France and in the south of Norway. The largest amounts measured were 1.2 ins. at Faerder, 0.5 in. at Sumburgh H. and Stornoway, and 0.8 in. at Valencia (Ireland). Bright Sunshine recorded yesterday was — Valencia 6 hrs. London 3.4 hrs., Eastbourne 2.8 hrs., Hastings 1.8 hrs.

SEA

Rough in the north, rather so at Valencia, moderate on our SW. coasts generally.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The general appearance is better than of late at our N. stations, but there are indications of further disturbances approaching our SW. and S. counties.

FORECASTS

For the 24 hours ending at NOON on 16TH SEPTR 1896.

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	W. and varying winds, some rain at times.
1 SCOTLAND EAST	
2 ENGLAND N.E.	Wind backing S.; fine at first; very uncertain later, probably rain and increasing wind.
3 ENGLAND EAST	
4 MIDLAND COUNTIES	
5 ENGLAND SOUTH	
6 SCOTLAND WEST	Same as Nos. 0 and 1.
7 ENGLAND N.W.	
↑ 8 ENGLAND S.W.	S. winds, increasing, with rain, uncertain later.
9 IRELAND NORTH	Same as Nos. 0 and 1.
↑ 10 IRELAND SOUTH	W. and NW. winds, unsettled, some rain.
WARNINGS	The South Cone is still up in districts 10 and part of 8.

Note.—The **South Cone**, *point downwards* (↑), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29.39	61	58	SE	8	c	5
Sumburgh Head	29.11	55	55	ESE	2	f	5
Stornoway	28.99	57	56	SSW	5	ou	5
Aberdeen	29.13	56	54	SSE	3	og	4
Shields	29.26	62	58	SSW	3	p	2
Ardrossan	29.01	57	56	SSW	4	p	3
Malin Head ...	29.01	54	53	WSW	6	cq	3
Belmullet	29.18	58	53	WNW	5	bc	*
Holyhead	29.21	59	59	SSW	7	rqmg	6

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	29.38	60	55	W	6	bcq	6
Scilly	29.46	63	62	SW	5	m	4
Jersey	29.64	65	63	WSW	4	op	4
Hurst Castle ...	29.52	65	62	SSW	4	om	3
Dungeness ...	29.56	64	61	SW	4	o	4
North Foreland	29.58	65	61	SSW	4	o	3
London (Westminster)	29.50	65	61	SSW	2	og	*
Yarmouth ...	29.48	64	59	WSW	3	c	3
Rochefort ...	29.80	66	66	WSW	6	r	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning fine and bright over southwestern Europe and the Mediterranean, cloudy or overcast almost everywhere else; very unsettled over the British Islands and their neighbourhood, with rain in the west of Ireland and at Lorient, as well as at Le Mans, Munich and Skudesnaes. Considerable falls of rain later in almost all parts of the British Islands, many parts of France and NW. Europe; largest falls 1.2 ins. at Faerder, 0.6 in. at Lorient, 0.8 in. at Valencia, 0.5 in. at Stornoway and Sumburgh H.; lightning seen at Aberdeen at night.

Temperature rises decidedly over Sweden. Morning readings highest 82° at Sfax, 77° at Algiers, 75° at Patras; exceeding 60° on the western and southern coasts of Europe generally, 63° at Hurst Castle, 61° at Scilly. Lowest (1) 47° at Uleaborg, 50° at Riga, 51° at St. Petersburg, and also at Nairn, 54° at York; (2) 50° at Cracow, 51° at Warsaw. Rising later to between 63° and 67° in many parts of our Islands, to 68° at Berlin, 77° at Biarritz, and to 82° at Nice.

Wind SW. (S. to W.) over the British Islands and France, but E. over Scandinavia and blowing strongly in several places, SE., light over the Baltic. Very light and anticyclonic over Russia; light and variable over southern Europe and the Mediterranean. Shifting to W. on our western coasts later, and blowing very strongly — a gale in places.

Barometer Highest (1) 30.3 ins. and more to 30.0 ins. over Russia; (2) 30.0 ins. and more over the southern half of the Iberian Peninsula. Lowest below 29.2 ins. off the NW. coasts of our Islands. Falling to 29.0 ins. and less later at Stornoway, but subsequently recovering quickly over our western districts. Rise spreading eastwards and northwards still later.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

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DAILY WEATHER REPORT

for 8 a.m. on Wednesday, 16th September, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	29.70	52	SE	4	bc	29.49	-.37	50	50	-1	SE	4	r	*	bc	*	55	48	0.24
	Hernösand ...	29.46	54	S	4	b	29.60	-.09	49	46	-6	W	2	b	*	b	*	57	†49	0.16
	Stockholm ...	29.70	53	SW	4	b	29.80	+.05	53	51	-6	SW	2	c	*	b	*	61	50	0.24
	Wisby														*		*			
	Karlstad ...	29.70	52	WSW	6	b	29.72	+.22	51	50	-6	SW	4	r	*	b	*	*	*	0.24
	Bodö	29.32	59	SE	6	0	29.49	.00	50	47	-5	SE	2	c	1	0	*	59	46	0.16
	Christiansund ...	29.41	50	WSW	9	r	29.49	+.50	49	46	?	W	8	r	5	r	*	59	49	0.12
	Skudesnaes ...	29.64	56	SW	8	0	29.62	+.26	55	51	0	SW	3	c	5	c, o	*	59	53	*
	Færder (Christiania Fjord)	29.68	58	WSW	5	b	29.67	+.31	56	54	-4	S	3	o	4	b	*	61	55	0.12
	Skagen (The Scaw)	29.82	54	WNW	3	c	29.73	+.24	53	52	-4	WNW	1	o	0	c, l	*	61	52	-
	Fanö	29.80	57	SW	2	c	29.75	+.12	57	55	-2	W	6	bc	*	c, r	*	63	54	0.67
BRITISH ISLANDS.	Sumburgh Head	29.34	53	W	4	b	29.37	+.31	53	50	+2	SSW	4	b	5	c, b	*	56	51	0.04
	Stornoway ...	29.38	53	W	4	b	29.35	+.09	49	49	0	SW	4	o	4	c, b	8.0	58	46	0.29
	Wick	29.41	55	W	2	b	29.45	+.16	53	52	0	SW	3	o	2	b	*	59	45	-
	Nairn	29.49	49	W	1	c	29.47	+.12	50	49	-1	W	1	c	1	c	*	59	44	0.13
	Aberdeen ...	29.55	54	SW	2	bc	29.57	+.13	53	49	-1	SW	4	bq	2	bc q, bc	9.2	61	47	-
	Leith	29.60	54	W	3	bc	29.61	+.11	56	52	+2	SW	4	b	*	bc	*	63	50	-
	Shields	29.67	60	SW	2	bc	29.74	+.11	59	53	+1	SSW	4	c	2	bc	*	61	47	-
	Spurn Head ...	29.77	55	SW	4	r	29.88	+.13	57	54	0	WSW	4	b	3	b, o, r, b	*	65	50	0.06
	York	29.74	59	S	2	bc	29.85	+.13	53	50	-1	S	2	b	*	bc	7.2	68	46	-
	Loughborough ...	29.81	57	W	1	r	29.94	+.12	54	51	0	SW	4	b vw	*	bc, or, b	*	68	50	0.20
	Ardrossan ...	29.60	55	SW	2	bc	29.64	+.08	55	54	+1	SW	6	o	5	o, t, bc, l	*	59	52	0.08
	Malin Head ...	29.56	55	WSW	7	c	29.58	+.12	53	50	+3	SSW	5	c q p	4	c q	*	58	50	0.20
	Belmullet ...	29.68	52	WSW	4	bc	29.66	+.15	56	52	+1	WSW	6	o	*	bc	*	58	51	0.23
	Donaghadee ...	29.68	57	WSW	5	bc	29.72	+.11	53	52	+2	WSW	5	bc	3	bc	*	63	47	0.01
	Liverpool (Bidston)	29.77	61	WSW	2	c	29.86	+.11	55	53	0	SW	3	c	4	c	*	64	50	-
	Holyhead ...	29.76	58	SW	3	b	29.84	+.13	58	55	+1	SW	7	bc q	5	bc p, b	*	61	52	0.10
	Parsonstown ...	29.76	57	W	1	b	29.82	+.17	54	51	+1	W	1	bc	*	b, th, b	8.5	61	49	0.09
	Valencia ...	29.82	57	SW	4	bc p	29.91	+.22	58	54	+1	SW	5	bc q	6	bc q	8.8	61	54	0.12
	Roche's Point ...	29.84	60	W	3	b	29.92	+.19	58	55	0	WSW	4	bc	4	b, p l	*	64	54	0.05
	Pembroke (St. Ann's Hd.)	29.83	59	W	6	b	29.93	+.16	60	55	+1	W	7	bc	6	c, b	5.0	61	55	0.27
	Scilly	29.90	60	WNW	4	c	30.05	+.26	61	58	-2	WSW	4	c	3	c p, c	4.4	66	56	-
	Prawle Point ...	29.89	59	WSW	3	o	30.08	+.20	59	57	0	WSW	5	b	4	r f, c, o	*	61	52	0.15
	Jersey (St. Aubin's)	29.93	67	SW	4	o q p d	30.15	+.22	62	57	0	WNW	4	bc	3	o, p d	*	69	55	0.11
	Hurst Castle ...	29.84	63	SW	5	p d	30.07	+.18	61	57	-1	WSW	4	b	3	c, p d	*	67	55	0.14
	Dungeness ...	29.87	62	SSW	3	r	30.04	+.15	59	56	-2	W	3	bc	3	c, p	*	69	50	0.30
	North Foreland	29.90	62	SW	2	r	30.03	+.13	58	55	-1	W	3	b	2	r	*	65	52	0.23
	London (Brixton) ...	29.86	61	SSW	2	or	30.04	+.13	55	53	-3	WSW	1	b	*	bc, od, bw	3.5	68	49	0.03
	Oxford	29.86	61	SW	3	o	30.00	+.13	57	54	-1	SSW	3	b	*	bc	*	66	49	-
	Cambridge ...	29.83	63	S	4	o	29.99	+.12	55	53	0	SW	3	bw	*	b, o	8.0	70	47	-
	Yarmouth ...	29.84	63	SSW	4	bc	29.95	+.12	55	53	-2	W	3	b	2	bc	*	64	50	-
GERMANY & HOLLAND.	Cuxhaven ...	29.93	61	SW	1	bc	29.81	+.08	59	59	0	WSW	2	o	*	bc	*	63	54	-
	Berlin	30.05	61	Z	0	bc	29.91	+.05	63	62	+4	S	4	o	*	bc	*	68	57	0.04
	Wiesbaden ...	*	*	*	*	*	30.06	+.07	63	62	0	Z	0	r	*	*	*	72	63	-
	Munich... ..	30.25	58	SE	2	b	30.14	-.03	60	57	+1	SW	2	b	*	b	*	68	57	0.04
	The Helder ...																*			
BELGIUM.	Brussels ...	*	*	*	*	*	30.04	+.07	62	59	+3	WSW	4	c	*	o	*	66	59	0.12
	Cape Gris Nez...																*			
	Paris	30.05	68	SSW	2	c	30.10	+.11	61	61	-1	S	2	o	*	c	*	71	†61	0.08
	Brest	29.89	61	SSW	3	f	30.15	+.26	58	56	-2	WSW	2	b	?	f	*	?	?	0.12
	Lorient... ...	29.99	61	SW	4	f	30.17	+.27	66	55	-4	NW	2	b	3	f	*	63	50	-
FRANCE &	Rochefort ...	30.07	68	SW	4	o	30.19	+.18	66	66	+1	W	3	r	*	o	*	75	64	-
	Belfort	30.13	62	W	1	b	30.15	+.05	60	59	+2	W	2	o	*	b	*	72	56	-
	Lyons	30.14	69	E	1	b	30.22		62	58		E	1	m	*	b	*	76	57	-
	Nice	30.14	66	SW	1	b	30.18	+.13	69	57	+4	ENE	2	b	0	b	*	81	63	-
	Perpignan ...	30.12	73	Z	0	b	30.20	+.08	64	61	0	SW	1	b	*	b	*	87	59	-
	Biarritz ...	30.06	72	NNE	3	b	230.16	+.10	68	67	+5	WSW	4	c	3	b	*	82	63	-
PENIN-SULA.	Corunna ...																*			
	Lisbon														*		*			
	Azores (P. Delgada)	30.20	69	WSW	2	b	30.21	+.08	71	68	+1	SSW	3	bc	2	b	*	77	68	-

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page*

NOTE. *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster*

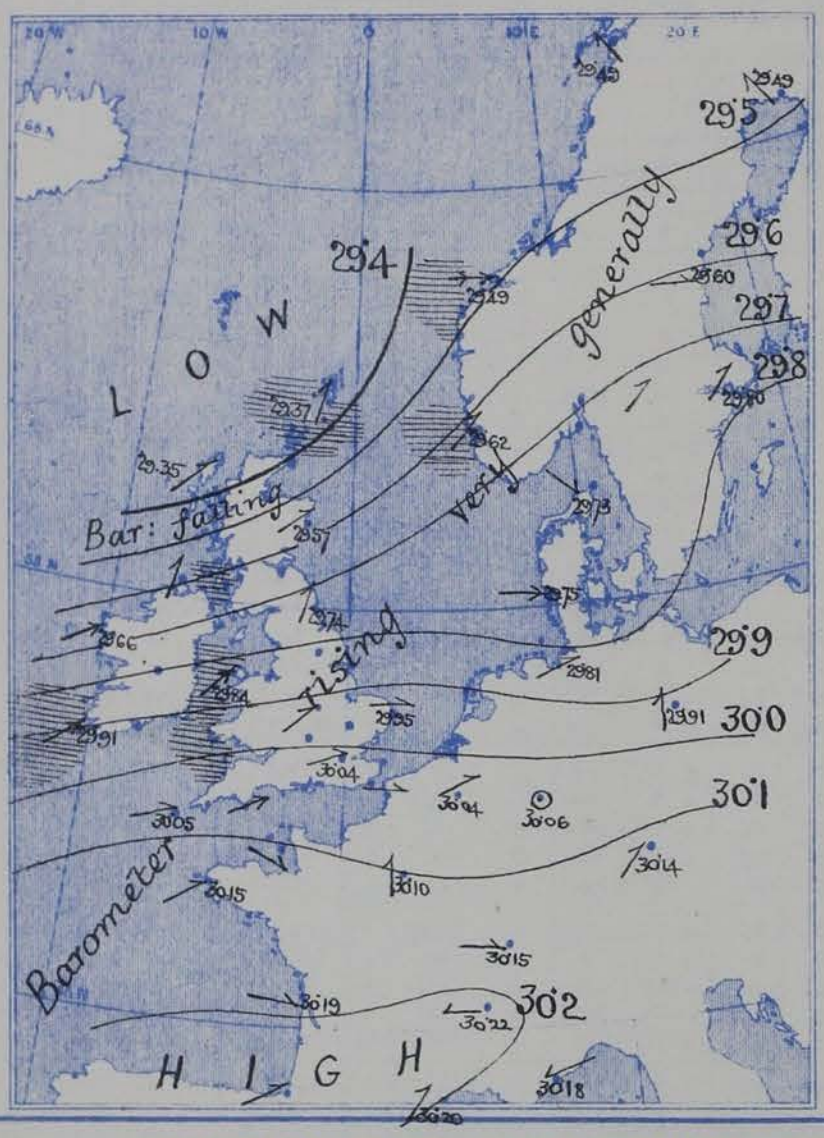
Bright Sunshine yesterday Southport 2.7 hrs; Eastbourne 5.1 hrs; Hastings 4.0 hrs.

WEATHER CHARTS

FOR *Wednesday, 16th September, 1896.*

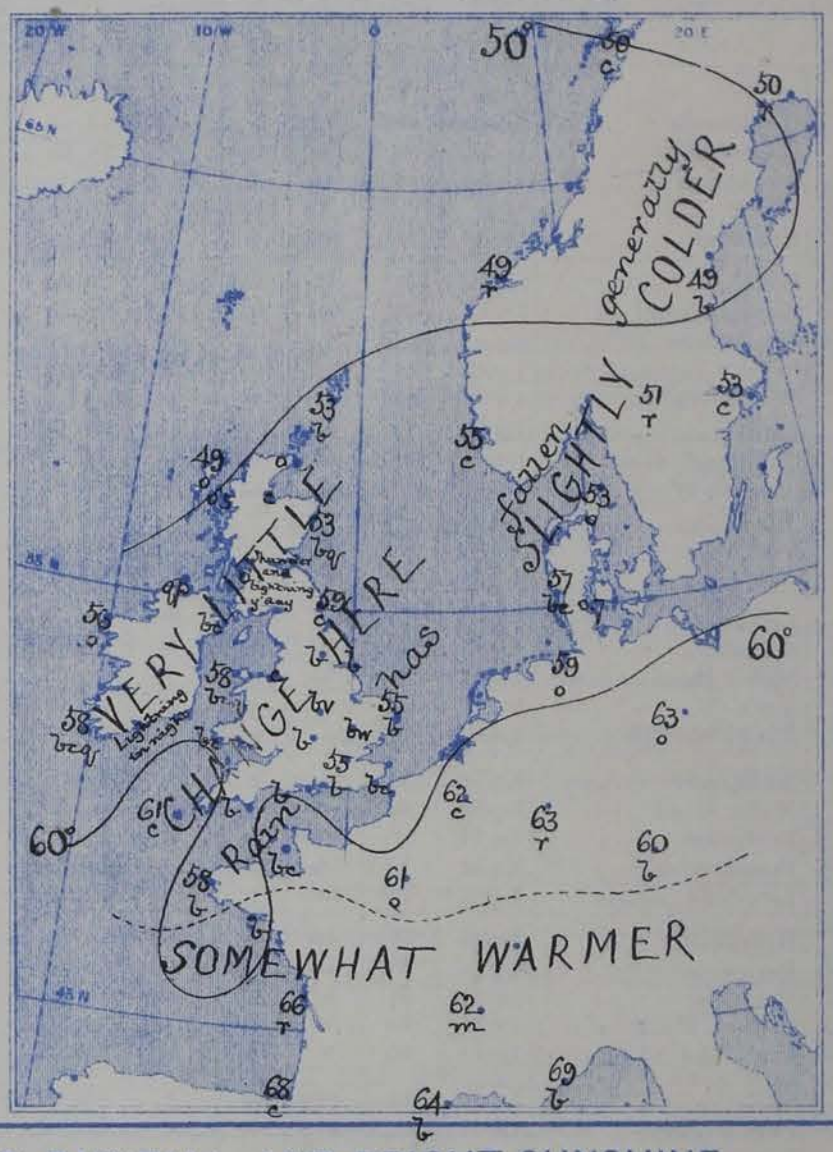
BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows show Directions and Force, flying with the wind.
Force above 10 : *Force 5 to 7* : } Calm ⊙
Force 8 to 10 : *Force 1 to 4* : }
SEA—Rough : *High*



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.
RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF SEPTEMBER.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of				Absolute Extremes.				RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum.	Years.	Minimum.	Years.		Hours.	Per cent. of possible.
	(*Inches.*)	°	°	°	°	°		°		(*Inches.*)		
Sumburgh Head	29 · 793	50 · 8	49 · 1	55 · 0	46 · 1	68	1880	34	1887, 88	3 · 38	—	—
Stornoway	29 · 814	51 · 5	50 · 2	56 · 5	45 · 8	69	1895	32	1871, 75, 85	4 · 09	103 · 3	27
Wick	29 · 831	52 · 0	50 · 1	57 · 8	45 · 7	74	1884, 91	29	1885, 87	2 · 51	—	—
Nairn	29 · 843	51 · 5	49 · 1	59 · 5	46 · 2	77	1895	25	1892	2 · 48	—	—
Aberdeen	29 · 863	52 · 3	49 · 8	59 · 3	46 · 6	79	1891	30	1887	2 · 89	124 · 2	33
Leith	29 · 887	53 · 3	50 · 8	62 · 0	47 · 5	81	1873, 91	33	1886	2 · 19	—	—
Shields	29 · 910	53 · 2	51 · 0	60 · 1	48 · 2	79	1895	34	1885, 89, 93	2 · 30	—	—
Spurn Head	29 947	55 · 6	53 · 8	60 · 7	52 · 5	75*	1895	38*	1892	1 · 83	—	—
York	29 · 896	52 · 9	51 · 0	63 · 2	47 · 5	83	1895	30	1885	2 · 45	118 · 4	32
Loughborough	29 · 971	53 · 6	51 · 9	65 · 4	47 · 6	86*	1891, 95	30*	1885, 94	2 · 50	—	—
Ardrossan	29 · 892	53 · 7	51 · 6	59 · 7	49 · 4	78	1880	32	1885	3 · 38	—	—
Donaghadee	29 · 916	53 · 6	52 · 4	60 · 0	49 · 4	71	1893	36	1882, 94	2 · 74	—	—
Holyhead	29 · 941	55 · 8	53 · 6	60 · 8	52 · 5	78	1880	43	1873, 85	3 · 10	—	—
Liverpool	29 · 947	54 · 7	52 · 0	61 · 5	50 · 9	82	1880	39	1885	3 · 17	—	—
Parsonstown	29 · 948	52 · 8	50 · 9	61 · 7	47 · 2	79	1880	31	1877, 93	2 · 92	124 · 7	33
Valencia	29 · 961	56 · 4	54 · 1	61 · 8	51 · 3	78	1895	38	1872, 93	4 · 38	130 · 4	35
Roche's Point	29 · 963	55 · 6	53 · 4	61 · 7	51 · 0	74	1880	39	1893	3 · 74	—	—
Pembroke	29 · 962	56 · 2	54 · 0	60 · 3	53 · 1	74	1895	40	1885	3 · 32	146 · 5	39
Scilly	29 · 982	58 · 5	56 · 4	62 · 0	54 · 8	72	1880, 93, 95	44	1885, 88	3 · 28	—	—
Prawle Point	30 · 004	57 · 2	55 · 3	62 · 5	52 · 3	76*	1889	36*	1885	2 · 41	—	—
Jersey	30 · 003	60 · 2	57 · 2	65 · 8	54 · 9	86	1895	41	1891	2 · 96	183 · 4	49
Hurst Castle	30 · 002	57 · 3	55 · 7	64 · 6	52 · 3	77	1895	35	1885	2 · 76	—	—
Dover	29 · 981	57 · 9	55 · 5	63 · 7	53 · 2	77	1880	32	1885	2 · 53	—	—
LONDON	29 · 991	55 · 8	53 · 4	66 · 5	49 · 6	87	1880	30	1877	2 · 17	111 · 5†	30†
Oxford	29 · 985	53 · 9	52 · 0	64 · 3	48 · 8	83	1880, 95	33	1885	2 · 43	141 · 0	38
Cambridge	29 · 979	54 · 6	52 · 9	66 · 0	47 · 9	88	1880	31	1885	2 · 13	144 · 2	39
Yarmouth	29 · 959	56 · 4	54 · 4	62 · 3	51 · 3	78	1880	33	1885	2 · 64	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE — Highest, 30·2 ins: and more to 30·0 ins: over Spain, France, South Germany, and the southern parts of England.
Lowest, Below 29·4 ins: over the north of Scotland and the Shetland Islands.
Gradients moderate. Barometer rising except on our north and northwest coasts, where a slight fall is in progress.

TEMPERATURE — Highest, 69° to 62° over the southern parts of France, 63° at Berlin, 61° at Paris and Scilly.
Lowest, 49° at Hernösand, Christiansund, and Stornoway, 50° at several other of the northern stations, and 53° at York.
The highest of the maxima recorded over our Islands yesterday ranged from 65° to 70°; at Paris the maximum was 71°, at Nieder Bad 72°, at Nice 81°, and at Perpignan 87°.

WIND — W. to SW. and moderate at the southern stations, rather more S. in Ireland and Scotland.
Christiansund reports a gale from W, while Bodö has a light breeze from SE. In the south of France there is a light breeze from the E.

WEATHER — Fine in most places, but some rain is falling locally, in the west of Ireland and some parts of Scandinavia and Germany.
Showers have again fallen over the greater part of our area, but, except at Fanö, the amounts were not large.
Bright Sunshine recorded yesterday was nearly 9 hrs at the Irish stations, 8 hrs at Cambridge, and 3·5 hrs in London.
Thunder and lightning occurred at Ardrossan and Roches Point.

SEA — Still rough in the north and west, but very little disturbed in the south and east.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Fine weather is probable in the south and east of our Islands today, but showers are likely in the west and north.

FORECASTS

For the 24 hours ending at NOON on 17th SEPTr 1896.

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	SW. winds, fresh; rainy.
1 SCOTLAND EAST	SW. breezes, moderate; some showers
2 ENGLAND N.E.	SW. breezes, moderate; some showers
3 ENGLAND EAST	Same as No. 5.
4 MIDLAND COUNTIES	Same as Nos. 1 and 2.
5 ENGLAND SOUTH	W. and SW. breezes, moderate; fair as a whole.
6 SCOTLAND WEST	SW. winds, fresh; showery.
7 ENGLAND N.W.	SW. winds, fresh; showery.
8 ENGLAND S.W.	SW. winds, fresh; showery.
9 IRELAND NORTH	SW. winds, fresh; showery.
10 IRELAND SOUTH	SW. winds, fresh; showery.
WARNINGS	NONE ISSUED.

Note. The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.) Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.) Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29.57	58	52	SW	8	c	6
Sumburgh Head	29.29	53	49	WSW	5	c	6
Stornoway	29.34	57	55	W	5	c	5
Aberdeen	29.52	58	49	SW	5	bcq	3
Shields	29.86	60	53	SW	5	bc	2
Ardrossan	29.56	52	50	SW	4	o	2
Malin Head ...	29.50	57	51	WSW	7	cq	4
Belmullet	29.61	58	52	WSW	6	bc	*
Holyhead	29.72	61	58	SW	5	bcp	5
Valencia	29.78	60	55	WSW	6	bcq	6
Scilly	29.83	62	60	WNW	4	cp	3
Jersey	29.93	67	65	SSW	3	o	3
Hurst Castle ...	29.89	65	61	SW	3	cu	2
Dungeness ...	29.92	67	62	SW	3	c	3
North Foreland	29.94	61	58	SW	2	r	2
London (Westminster)	29.88	65	60	SSW	3	c	*
Yarmouth ...	29.86	66	58	SSW	4	bc	3
Rochefort ...	30.07	71	69	SW	4	o	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning fine and bright over southwestern, southern, and southeastern Europe, as well as in many parts of the British Islands; showery at several of our eastern and northern stations, as well as over the north of France, Belgium and Scandinavia. Rain falling later over nearly the whole of our Islands and their neighbourhood – rather heavily at times, and in moderate quantity, on some parts of our south and west coasts, thunder and lightning occurring at Ardrossan and Roche's Point.

Temperature showing no decided change. Morning readings highest 79° at Sfax, 75° at Algiers, 71° at Brindisi and the Greek stations; 65° to 60° along the east coast of France, 63° at Scilly, 62° at Hurst Castle. Lowest (1) 40° at Stornoway, 51° at Sumburgh Hd and Nairn, 53° at Parsonstown, 54° at York; (2) 42° at Moscow, 47° at Kharkov, 49° at Kiev. Rising later to between 65° and 70° over England, to 71° at Paris, 76° at Lyons, 81° at Nice, and 87° at Perpignan.

Wind 1. Cyclonic from W and SW. over Ireland and Scotland, and from between SW. and SE over Scandinavia, and blowing a gale at some of the Norwegian stations; very light and anticyclonic over the southern and eastern countries of Europe; very light and variable over the Mediterranean. Very little change later beyond a shift of wind to the W^d over the southern parts of England and the English Channel.

Barometer highest 30·2 ins: and more over the northern half of Russia, and exceeding 30·0 ins: over the whole of southwestern southern, and eastern Europe. Lowest, Below 29·0 ins: in a well marked depression having its central area off the west of Norway. Northern depression moving northeastwards later, while a shallow secondary moved eastwards over England.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

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DAILY WEATHER REPORT

for 8 a.m. on Thursday, 17th September, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA	Haparanda ...	29.52	47	SE	4	bc	29.52	+.03	48	43	-2	SE	2	0	#	bc	#	55	45	0.04
	Hernösand ...	29.56	47	E	0	b	29.51	-.09	42	42	-7	E	0	f	#	b	#	59	42	-
	Stockholm ...	29.64	50	E	0	c	29.61	-.19	52	50	-1	W	2	0	#	c	#	59	46	0.16
	Wisby														#		#			
	Karlstad ...	29.64	52	SW	4	b	29.59	-.13	53	50	+2	SW	2	b	#	b,r	#	#	#	0.28
	Bodö	29.53	50	ESE	1	c	29.47	-.02	48	45	-2	ESE	1	b	0	c	#	54	43	-
	Christiansund ...	29.47	53	NE	1	c	29.40	-.09	50	47	+1	SE	1	bc	3	c	#	59	48	-
	Skudesnaes ...	29.55	52	SW	7	r	29.61	+.02	54	49	-1	WSW	8	c	5	c,tlr	#	59	41	#
	Færder (Christiania Fjord)	29.63	58	W	6	b	29.60	-.07	55	53	0	W	7	c	4	b	#	59	54	-
	Skagen (The Scaw)	29.76	54	SW	3	bc	29.72	-.01	56	51	+3	WNW	4	b	1	bc	#	61	48	0.08
	Fanö	29.83	56	W	6	c	29.88	+.13	54	51	-3	W	6	c	#	c	#	63	52	0.04
	Sumburgh Head	29.35	47	WSW	4	r	29.49	+.12	52	49	-1	W	4	bc	5	c,r	#	55	47	0.31
	Stornoway ...	29.40	50	W	5	0	29.57	+.22	49	49	0	WNW	3	b	3	rhq,l	3.5	56	46	0.28
	Wick	29.45	50	W	5	c	29.61	+.16	52	50	-1	W	5	b	2	c,tlr	#	58	45	0.15
	Nairn	29.50	48	WSW	3	r	29.64	+.17	51	50	+1	WSW	1	bc	1	r,l	#	60	44	0.20
	Aberdeen ...	29.59	53	SW	4	bq	29.72	+.15	52	48	-1	SW	3	bw	1	p,bcq	8.4	60	43	0.03
BRITISH ISLANDS.	Leith	29.66	53	WSW	4	c	29.75	+.14	55	51	-1	SW	3	b	#	c	#	61	49	0.07
	Shields	29.74	58	SW	4	bc	29.87	+.13	55	52	-4	SSW	3	c	2	p,c,bc	#	63	50	-
	Spurn Head ...	29.89	60	SW	5	0	29.99	+.11	59	55	+2	SW	4	c	3	bc,p	#	65	53	0.03
	York	29.86	59	SW	5	0	29.97	+.12	55	53	+2	S	3	bc	#	bc,o	6.4	65	51	-
	Loughborough ...	29.96	57	WSW	2	c	30.04	+.10	56	53	+2	SW	2	c	#	bc,qp,c	#	66	54	0.01
	Ardrossan ...	29.68	55	W	4	oqp	29.77	+.13	55	55	0	SW	5	oq	4	r,lhpq	#	57	50	0.22
	Malin Head ...	29.68	54	WSW	6	bcqp	29.67	+.09	52	51	-1	SSW	6	o	5	bc,qp	#	56	51	0.25
	Belmullet ...	29.81	57	W	6	bcq	29.57	-.09	55	55	-1	S	3	or	#	bcq	#	58	53	0.43
	Donaghadee ...	29.78	56	WSW	6	bc	29.83	+.11	54	53	+1	WSW	4	o	2	bc	#	63	49	-
	Liverpool (Bidston)	29.92	57	WSW	4	o	29.96	+.10	58	53	+3	SSW	3	b	2	op	#	62	52	0.18
	Holyhead ...	29.92	58	WSW	5	op	29.92	+.08	59	57	+1	SSW	6	cm	4	oqp	#	60	53	0.01
	Parsonstown ...	29.92	53	W	1	o	29.78	-.04	54	54	0	S	3	or	#	c,or	1.9	60	51	0.21
	Valencia ...	30.00	59	SW	4	om	29.68	-.23	58	58	0	SSE	6	gmr	6	c,om	2.9	62	55	0.40
	Roche's Point ..	30.01	60	WSW	4	c	29.83	-.09	56	56	-2	SSW	6	r	5	c,r	#	63	55	0.55
	Pembroke (St. Ann's Hd.)	30.02	59	WSW	6	c	29.98	+.05	59	58	-1	WSW	5	qp	5	c	6.0	60	58	-
	Scilly	30.13	61	SW	4	c	30.07	+.02	60	59	-1	SSW	4	o	4	bcp,c	7.9	66	58	0.03
	Prawle Point ...	30.13	58	WSW	4	bc	30.13	+.05	58	57	-1	SSW	4	c	3	bc	#	62	57	-
	Jersey (St. Aubin's)	30.21	63	W	4	b	30.21	+.06	62	59	0	WSW	3	c	3	bc,b	#	66	58	-
	Hurst Castle ...	30.10	62	WSW	5	c	30.14	+.07	61	58	0	SW	3	cu	3	bcm,c	#	65	58	0.01
	Dungeness ...	30.06	61	WSW	6	bc	30.14	+.10	61	58	+2	WSW	4	o	4	bc	#	66	58	-
	North Foreland	30.08	61	WSW	4	c	30.14	+.11	59	56	+1	SW	2	o	2	bc,c	#	66	55	-
	London (Brixton) ...	30.06	59	WSW	2	b	30.13	+.09	58	55	+3	SW	2	c	#	bc,oqb	7.3	68	54	0.18
	Oxford	30.06	58	WSW	3	bc	30.10	+.10	57	55	0	SSW	3	o	#	bc,o	#	65	55	-
	Cambridge ...	30.01	61	SW	4	o	30.09	+.10	58	56	+3	SW	3	o	#	bc,o	7.3	67	53	-
	Yarmouth ...	29.97	59	WSW	3	cp	30.05	+.10	59	55	+3	WSW	4	bc	3	b,cp	#	65	53	0.03
GERMANY & HOLLAND.	Cuxhaven ...	29.95	59	W	3	bc	29.98	+.17	58	58	-1	W	4	o	#	bc,r	#	64	55	0.08
	Berlin	30.03	61	E	0	b	30.09	+.18	58	54	-5	W	4	o	#	b	#	68	54	0.20
	Wiesbaden ...	#	#	#	#	#	30.25	+.19	53	50	-10	E	0	bc	#	#	#	72	48	0.08
	Munich... ..	30.27	65	SW	4	o	30.35	+.21	57	56	-3	E	1	o	#	o	#	72	57	0.08
	The Helder ...	29.97	62	SW	6	o	30.03	+.11	60	56	-2	W	5	c	2	o	#	63	59	-
BELGIUM.	Brussels ...	#	#	#	#	#	30.22	+.18	57	55	-5	SW	3	c	#	b	#	66	53	-
	Cape Gris Nez...	30.06	60	W	6	c	30.10	+.05	60	59	+3	W	5	o	5	c	#	66	57	-
	Paris	30.23	61	W	2	b	30.29	+.19	50	50	-11	E	0	b	#	b	#	70	48	-
	Brest	30.19	62	WSW	2	bc	30.19	+.04	59	58	+1	S	2	b	3	bc	#	64	55	-
	Lorient... ...	30.27	62	W	4	o	30.23	+.06	58	54	+2	E	2	bc	2	o	#	64	52	-
FRANCE &	Rochefort ...	30.27	64	NW	4	b	30.25	+.06	56	56	-10	NE	3	b	#	c,b	#	70	54	-
	Belfort	30.22	62	W	2	f	30.26	+.11	60	59	0	W	1	m	#	f	#	71	57	0.04
	Lyons ...	30.23	71	E	1	o	30.28	+.06	63	61	+1	N	1	b	#	o	#	80	59	-
	Nice	30.19	68	E	0	bc	30.20	+.02	66	57	-3	E	1	bc	1	bo	#	82	61	-
	Perpignan ...	30.20	71	E	0	b	30.23	+.03	68	64	+4	W	1	b	#	b	#	84	61	-
	Biarritz ...	30.23	71	W	4	b	30.19	-.05	67	66	-1	E	3	o	4	bc	#	75	64	-
PENINSULA.	Corunna ...																#			
	Lisbon	30.10	76	NNW	5	b	30.11	-.04	69	63	+4	NNW	3	b	#	b	#	86	64	-
	Azores (P. Delgada)	30.25	72	SW	3	b	30.25	+.04	72	69	+1	WSW	4	bc	3	b	#	75	68	-

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

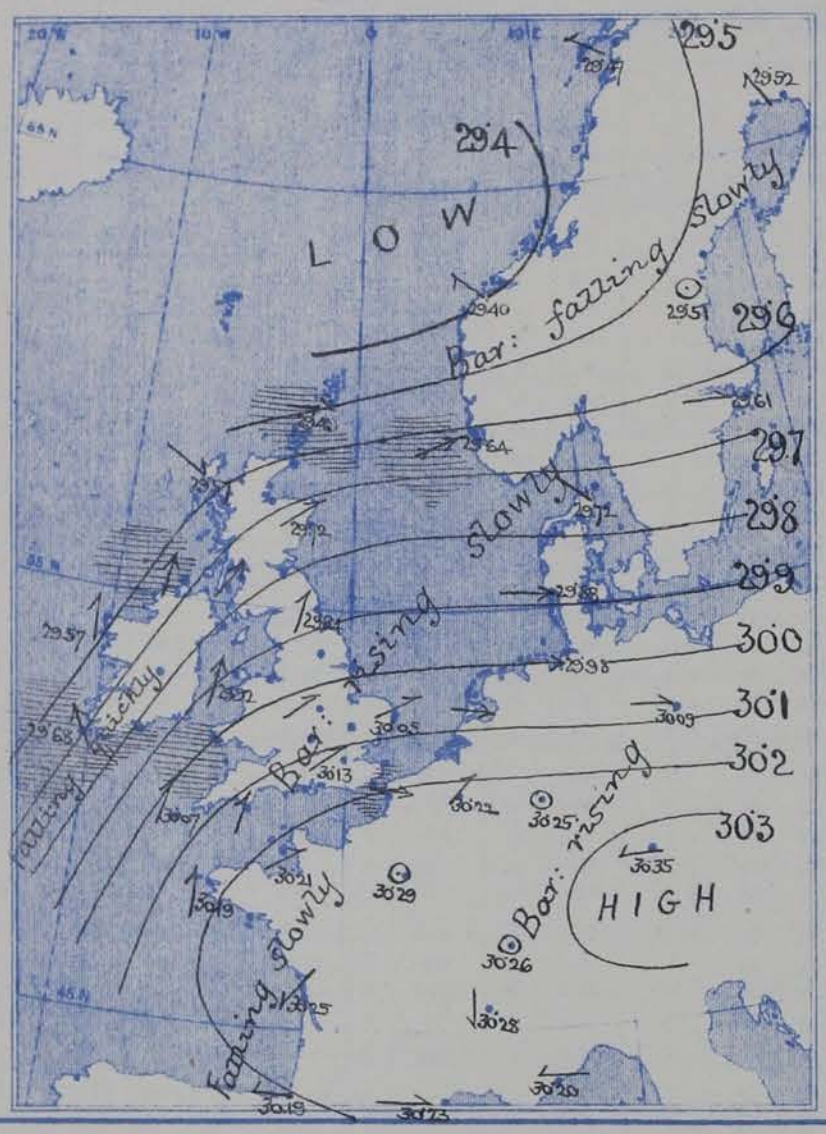
Bright Sunshine yesterday Southport 1.6 hrs; Eastbourne 9.7 hrs: Hastings 9.8 hrs.

WEATHER CHARTS

FOR Thursday, 17th September 1896.

BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.
Force above 10 : *Force 5 to 7* ; *Force 8 to 10* : *Force 1 to 4* ; Calm ⊙
SEA—Rough : *High*



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.
RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.

VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF SEPTEMBER.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Absolute Extremes. Maximum.	Years.	Minimum.	Years.	RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95. Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29·793	50·8	49·1	55·0	46·1	68	1880	34	1887, 88	3·38	—	—
Stornoway	29·814	51·5	50·2	56·5	45·8	69	1895	32	1871, 75, 85	4·09	103·3	27
Wick	29·831	52·0	50·1	57·8	45·7	74	1884, 91	29	1885, 87	2·51	—	—
Nairn	29·843	51·5	49·1	59·5	46·2	77	1895	25	1892	2·48	—	—
Aberdeen	29·863	52·3	49·8	59·3	46·6	79	1891	30	1887	2·89	124·2	33
Leith	29·887	53·3	50·8	62·0	47·5	81	1873, 91	33	1886	2·19	—	—
Shields	29·910	53·2	51·0	60·1	48·2	79	1895	34	1885, 89, 93	2·30	—	—
Spurn Head	29·947	55·6	53·8	60·7	52·5	75*	1895	38*	1892	1·83	—	—
York	29·896	52·9	51·0	63·2	47·5	83	1895	30	1885	2·45	118·4	32
Loughborough	29·971	53·6	51·9	65·4	47·6	86*	1891, 95	30*	1885, 94	2·50	—	—
Ardrossan	29·892	53·7	51·6	59·7	49·4	78	1880	32	1885	3·38	—	—
Donaghadee	29·916	53·6	52·4	60·0	49·4	71	1893	36	1882, 94	2·74	—	—
Holyhead	29·941	55·8	53·6	60·8	52·5	78	1880	43	1873, 85	3·10	—	—
Liverpool	29·947	54·7	52·0	61·5	50·9	82	1880	39	1885	3·17	—	—
Parsonstown	29·948	52·8	50·9	61·7	47·2	79	1880	31	1877, 93	2·92	124·7	33
Valencia	29·961	56·4	54·1	61·8	51·3	78	1895	38	1872, 93	4·38	130·4	35
Roche's Point	29·963	55·6	53·4	61·7	51·0	74	1880	39	1893	3·74	—	—
Pembroke	29·962	56·2	54·0	60·3	53·1	74	1895	40	1885	3·32	146·5	39
Scilly	29·982	58·5	56·4	62·0	54·8	72	1880, 93, 95	44	1885, 88	3·28	—	—
Prawle Point	30·004	57·2	55·3	62·5	52·3	76*	1889	36*	1885	2·41	—	—
Jersey	30·003	60·2	57·2	65·8	54·9	86	1895	41	1891	2·96	183·4	49
Hurst Castle	30·002	57·3	55·7	64·6	52·3	77	1895	35	1885	2·76	—	—
Dover	29·981	57·9	55·5	63·7	53·2	77	1880	32	1885	2·53	—	—
LONDON	29·991	55·8	53·4	60·5	49·6	87	1880	30	1877	2·17	111·5†	30†
Oxford	29·985	53·9	52·0	64·3	48·8	83	1880, 95	33	1885	2·43	141·0	38
Cambridge	29·979	54·6	52·9	66·0	47·9	88	1880	31	1885	2·13	144·2	39
Yarmouth	29·959	56·4	54·4	62·3	51·3	78	1880	33	1885	2·64	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·35 in: at Munich, and exceeding 30·0 in: all over Germany, France, and the southeastern and southern parts of England.
Lowest, (1) Below 29·4 in: in a depression off the west coast of Norway, (2) Below 29·6 in: off the northwest coast of Ireland
Gradients becoming very steep off our western coasts, and favourable for S̄ winds.
Barometer falling fast in the west of Ireland, rising on our north and East coasts; the fall, however, is spreading quickly northeastwards.

TEMPERATURE

Highest, 68° to 66° in the south and southwest of France, 62° at Jersey, 60° at Scilly.
Lowest, 42° at Hernösand, 48° at Bodö, 49° at Stornoway, 52° at Malin Head.
The highest of the maxima recorded over our Islands yesterday ranged from 68° to 63°; at Paris the maximum was 70°, at Wiesbaden and Munich 72°, at Nice 82°, and at Lisbon 86°.

WIND

Light and anticyclonic over France and Germany; cyclonic S̄ over Ireland – strong and increasing in force; cyclonic W̄ to SW̄ in Scotland, and SĒ in the northwest of Norway

WEATHER

Fine and bright at most of the Continental stations, and over the eastern parts of England and Scotland; dull, squally, and very rainy over Ireland and the western parts of Great Britain.
Showers were very general at times over Great Britain yesterday, and a heavier fall has now set in over Ireland. Thunder and lightning have occurred at several of the Scotch stations. Bright Sunshine yesterday – Aberdeen 8·4 hrs, Scilly 7·9 hrs, Eastbourne and Hastings nearly 10 hrs, London and Cambridge 7·3 hrs.

SEA

Rather rough on the Norwegian coasts and on the southwest coasts of our Islands, moderate in the Irish and English Channels, with a tendency to increase.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There is evidently an important depression approaching our extreme west and northwest coasts — likely to cause rough, rainy weather generally — especially in the west and north. Those districts have been warned.

FORECASTS

For the 24 hours ending at NOON on 18th SEPT. 1896.

DISTRICTS.	FORECASTS.
▼ 0 SCOTLAND NORTH	S̄ winds, increasing to a gale, with much rain.
1 SCOTLAND EAST 2 ENGLAND N.E.	S̄ winds, increasing considerably; squally, rainy.
3 ENGLAND EAST 4 MIDLAND COUNTIES 5 ENGLAND SOUTH	SW̄ winds, moderate; fair – then S̄, stronger, squally, rainy.
▼ 6 SCOTLAND WEST ▼ 7 ENGLAND N.W.	Same as No 0
8 ENGLAND S.W.	Same as Nos 1 and 2.
▼ 9 IRELAND NORTH ▼ 10 IRELAND SOUTH	S̄ to W̄ gales; squally, rainy, unsettled.
WARNINGS	At 10·15 am to districts 0.6.7.9. and 10 "Hoist South Cone"

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.) Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.) Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29.64	59	54	SSW	5	c	4
Sumburgh Head	29.36	53	51	SSW	3	c	5
Stornoway ...	29.38	55	52	WSW	6	oq	5
Aberdeen	29.55	57	50	SW	5	bcq	3
Shields	29.73	62	54	SW	4	c	2
Ardrossan	29.69	55	54	W	4	r	3
Malin Head ...	29.61	56	51	WSW	8	bc	5
Belmullet	29.78	58	54	WSW	6	bcq	*
Holyhead	29.89	57	54	SW	6	oqp	4

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	29.97	64	57	SW	5	om	6
Scilly	30.09	64	60	WSW	4	bop	3
Jersey	30.20	66	60	WSW	5	bc	4
Hurst Castle ...	30.09	65	60	WSW	5	bcm	4
Dungeness ...	30.04	65	59	WSW	6	bc	5
North Foreland	30.07	65	58	WSW	3	bc	3
London (Westminster)	30.03	68	58	WSW	3	o	*
Yarmouth ...	29.96	65	56	WSW	5	b	3
Rochefort ...	30.26	68	59	NW	3	c	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning fine as a whole over southeastern, southern, and western Europe, including the greater part of our Islands, dull and rainy, however, in the extreme north and northwest, as well as (locally) at several stations over Continental Europe – foggy at Corunna. Rain falling later over the greater part of the British Islands and northwestern Europe, amounts largest 0·4 in: at Belmullet and Valencia, and 0·6 in: at Rochefort. Thunder and lightning observed over the greater part of Scotland.

Temperature fallen over northern Europe, risen over Germany and Hungary. Morning readings highest, 76° at Patras and Barcelona, 75° at Algiers and Malta, and exceeding 60° at the stations in southern Europe generally, 63° at Madrid, 62° at Jersey, 61° at Scilly. Lowest (1) 42° to 47° over Russia generally; (2) 49° at Ulleaborg, Christiansund, and Stornoway, 50° at Bodö and Nairn, 53° at York. Rising later to between 63° and 68° over England, 70° at Paris, 72° at Wiesbaden, 82° at Nice, and 86° at Lisbon.

Wind very light and anticyclonic over southeastern, southern, and eastern Europe, SW. and cyclonic over the British Islands and North Sea, and the greater part of Sweden and Norway, but E. over Lapland. Hardly any change over our Islands and their neighbourhood during the day.

Barometer highest 30·2 in: and more over the north of Spain and southwest of France, and at Hermanstadt, and exceeding 30·0 in: over southern and central Europe generally, as well as over the southern counties of England. Rising over the British Islands and western Europe during the day, but rise ceasing at night.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning: m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

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DAILY WEATHER REPORT

for 8 a.m. on Friday, 18th September, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	29.59	37	N	0	f	29.63	+.11	38	38	-10	N	0	f	#	f	#	57	36	-
	Hernösand ...	29.56	45	N	0	b	29.60	+.09	42	41	0	N	0	f	#	b	#	57	36	-
	Stockholm ...	29.65	52	W	2	b	29.66	+.05	49	47	-3	SW	2	o	#	b	#	59	48	0.08
	Wisby														#		#			
	Karlstad ...	29.69	52	WSW	4	b	29.52	-.07	55	50	+2	S	6	r	#	b	#	#	#	-
	Bodö	29.52	46	N	0	b	29.51	+.04	46	43	-2	E	2	b	0	b	#	52	41	-
	Christiansund ...	29.68	50	WSW	5	bc	29.10	-.30	52	46	+2	ESE	8	c	3	bc	#	54	46	-
	Skudesnaes ...	29.66	55	S	4	o	29.23	-.38	54	50	0	SSW	10	o	6	c, o	#	56	39	#
	Færder (Christiania Fjord)	29.71	58	W	4	b	29.29	-.31	55	55	0	SE	8	r	4	b	#	59	54	0.16
	Skagen (The Scaw)	29.80	54	SW	1	b	29.39	-.33	?	?	?	SSW	4	o	2	b	#	61	50	-
	Fano	29.75	59	W	6	c	29.52	-.36	59	58	+5	SW	6	o	#	c	#	63	54	0.28
	Sumburgh Head	29.37	51	S	3	r	28.99	-.50	48	46	-4	WNW	7	o	7	bc, r	#	57	48	0.60
	Stornoway ...	29.09	51	E	4	r	29.35	-.22	48	48	-1	W	3	bc	3	r	?	53	45	1.11
	Wick	29.16	54	SSE	8	r	29.31	-.30	50	49	-2	NW	6	bu	4	r	#	58	45	0.52
	Nairn	29.06	56	SW	1	o	29.38	-.26	51	50	0	SW	2	b	1	o	#	61	44	0.15
	Aberdeen ...	29.23	54	SSE	8	ogru	29.44	-.28	55	48	+3	SW	4	bq	3	ogp.qr	2.7	59	46	0.16
BRITISH ISLANDS.	Leith	29.25	60	SSW	3	o	29.54	-.21	54	49	-1	WSW	4	b	#	o	#	64	48	0.06
	Shields	29.46	59	SSW	4	c	29.62	-.25	53	49	-2	SW	3	o	2	or, c	#	63	48	0.03
	Spurn Head ...	29.68	59	SSW	6	o	29.70	-.29	54	51	-5	WSW	3	o	3	op	#	65	52	0.03
	York	29.66	59	S	4	o	29.67	-.30	53	48	-2	WSW	2	o	#	o	?	64	50	0.02
	Loughborough ..	29.76	59	SSW	4	o	29.74	-.30	52	50	-4	WSW	1	omw	#	c.qp.o	#	61	49	0.16
	Ardrossan ...	29.22	59	SSW	8	cqp	29.55	-.22	54	53	-1	W	5	bcq	4	r.cqp	#	60	51	0.08
	Malin Head ...	29.27	55	NW	9	o	29.51	-.16	51	50	-1	SSW	4	op	2	c.rq.o	#	62	50	0.18
	Belmullet ...	29.54	54	NW	6	oqp	29.54	-.03	55	52	0	SW	5	bc	#	om.qp	#	61	52	0.36
	Donaghadee ...	29.38	63	WSW	6	qp	29.63	-.20	50	48	-4	WSW	5	b	3	qp	#	64	44	0.04
	Liverpool (Bidston)	29.60	59	SSW	5	o	29.71	-.25	53	49	-5	WSW	3	o	3	p	#	63	51	0.04
	Holyhead ...	29.57	60	SSW	9	dqf	29.73	-.19	52	49	-7	SW	3	c	3	dq.dqf	#	60	49	0.10
	Parsonstown ...	29.57	58	W	2	bc	29.57	-.11	49	47	-5	SE	1	b	#	o, bc, p	0.4	65	44	0.08
	Valencia ...	29.69	59	W	5	cqp	29.66	-.02	57	55	-1	S	3	om	4	o, qp	0.1	65	47	0.14
	Roche's Point ..	29.64	61	W	5	c	29.72	-.11	55	54	-1	SW	2	o	4	r.c, o	#	62	52	0.50
	Pembroke (St. Ann's Hd.)	29.70	58	SW	8	r	29.76	-.22	56	53	-3	WNW	4	o	4	or	0.0	60	53	0.78
	Scilly	29.85	60	SSW	5	r	29.79	-.28	59	56	-1	W	2	c	3	c, r	0.3	64	55	0.25
	Prawle Point ...	29.98	58	SSW	5	o	29.80	-.33	57	56	-1	SSW	4	o	3	or, fr	#	59	56	0.35
	Jersey (St. Aubin's)	30.02	66	SW	5	bc	29.85	-.36	64	63	+2	SW	5	opm	4	bc	#	68	60	0.02
	Hurst Castle ...	29.94	62	SSW	3	ou	29.77	-.37	62	59	+1	WSW	2	c	2	om, r	#	62	60	0.27
	Dungeness ...	29.95	62	SSW	4	r	29.74	-.40	62	62	+1	SW	5	r	4	c, r	#	66	60	0.05
	North Foreland	29.96	61	SW	3	c	29.77	-.37	59	58	0	W	2	op	2	o, c	#	64	58	0.18
	London (Brixton) ...	29.92	60	SW	3	op	29.77	-.36	60	58	+2	WNW	1	q	#	c, op	0.0	64	57	0.14
	Oxford	29.82	57	S	5	r	29.75	-.35	58	56	+1	WSW	1	c	#	o, r, q	#	61	55	0.28
	Cambridge ...	29.85	60	SW	4	oqr	29.76	-.33	56	54	-2	NW	1	ow	#	oqr	0.0	64	53	0.31
	Yarmouth ...	29.89	61	SW	5	c	29.73	-.32	57	54	-1	NW	2	c	3	c, r	#	64	55	0.21
GERMANY & HOLLAND.	Cuxhaven ...	29.98	61	W	4	bc	29.67	-.31	57	57	-1	SSW	6	r	#	bc, p	#	61	54	0.24
	Berlin	30.10	60	N	0	o	29.89	-.20	57	55	-1	SW	3	c	#	o	#	64	54	0.04
	Wiesbaden ...	#	#	#	#	#	30.00	-.25	53	51	0	N	0	o	#	#	#	68	48	-
	Munich	30.25	57	N	0	b	30.13	-.22	59	57	+2	W	1	b	#	b	#	66	50	-
	The Helder ...	29.93	62	NW	4	o	29.69	-.34	62	60	+2	WSW	5	bc	2	o	#	63	60	0.24
BELGIUM.	Brussels ...	#	#	#	#	#	29.85	-.37	60	57	+3	SSW	3	r	#	c	#	67	56	-
	Cape Gris Nez	30.06	60	W	6	c	29.78	-.32	60	59	0	W	5	r	5	c	#	64	59	0.08
	Paris	30.09	63	S	2	b	29.94	-.35	61	59	+11	SSW	2	bc	#	b	#	72	50	-
	Brest ...	30.06	60	S	3	f	29.89	-.30	61	61	+2	WSW	2	f	3	f	#	63	57	-
	Lorient ...	30.14	61	SW	3	bc	29.92	-.31	62	62	+4	SW	5	r	5	bc	#	64	54	-
FRANCE &	Rochefort ...	30.08	73	ENE	3	b	30.08	-.17	64	63	+8	NW	3	o	#	b	#	81	56	-
	Belfort	30.12	66	WNW	1	bc	30.04	-.22	58	57	-2	N	0	b	#	bc	#	73	52	-
	Lyons	30.15	68	E	1	b	30.10	-.18	61	60	-2	SSE	1	b	#	b	#	79	57	-
	Nice	30.16	68	E	1	bc	30.13	-.07	66	60	0	E	1	b	0	bc	#	79	63	-
	Perpignan ...	30.13	70	N	0	b	30.12	-.11	65	64	-3	N	0	f	#	b	#	87	60	-
	Biarritz ...	30.02	83	E	3	b	30.06	-.13	67	65	0	NW	3	o	5	b	#	88	66	-
PENINSULA.	Corunna ...																#			
	Lisbon	30.07	68	WNW	5	b	30.08	-.03	67	62	-2	NNE	4	b	#	b	#	84	63	-
	Azores (P. Delgada)	30.27	72	W	3	b	30.25	.00	72	69	0	W	3	bc	3	b	#	79	70	-

Errata:- Hastings Bright Sunshine: The value in the report of the 12th inst. should read "1·1 hr," and in that of the 15th "2·8 hrs."

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

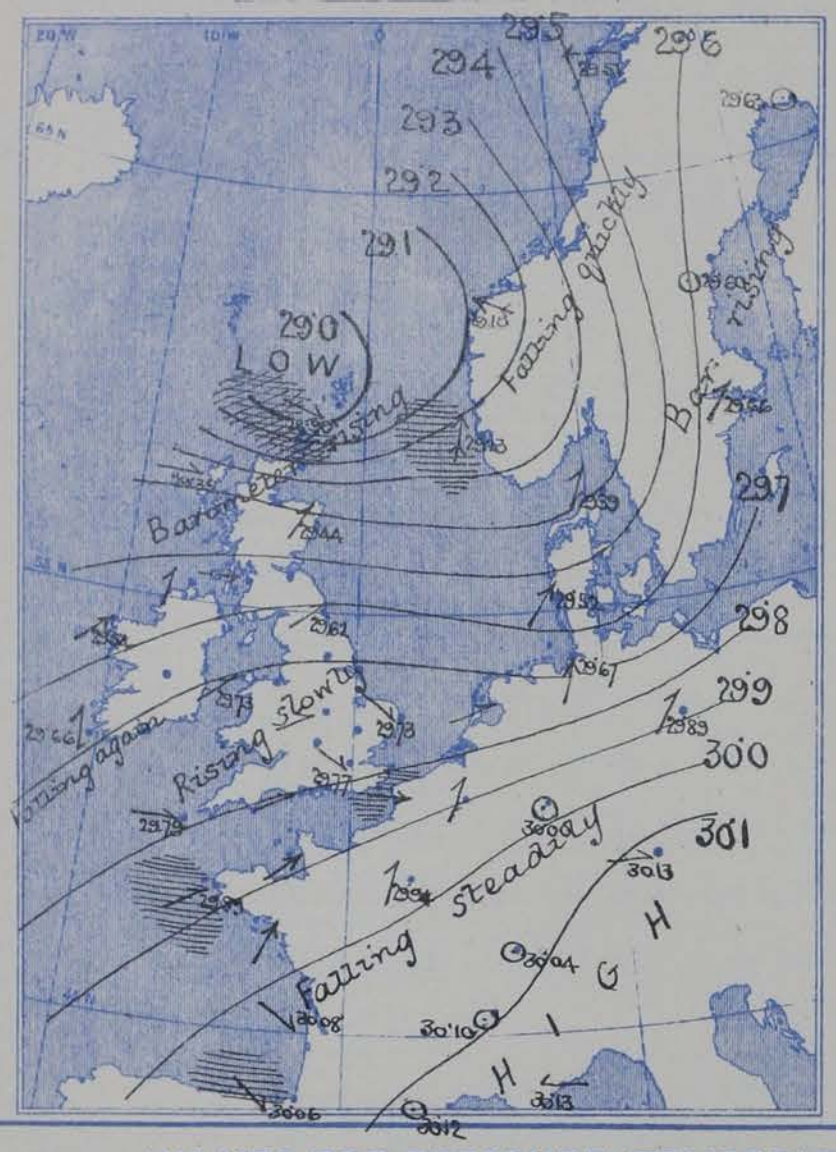
Bright Sunshine yesterday: Southport 2·0 hrs; Eastbourne 0·2 hrs; Hastings 0·2 hrs.

WEATHER CHARTS

FOR Friday, 18th September, 1896.

BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.
Force above 10 ; *Force 5 to 7* ; *Force 8 to 10* ; *Force 1 to 4* ; Calm ⊙
SEA—Rough ; *High*



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.
RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.

VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF SEPTEMBER.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of: Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Absolute Extremes: Maximum.	Years.	Minimum.	Years.	RAINFALL Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95. Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29 · 793	50 · 8	49 · 1	55 · 0	46 · 1	68	1880	34	1887, 88	3 · 38	—	—
Stornoway	29 · 814	51 · 5	50 · 2	56 · 5	45 · 8	69	1895	32	1871, 75, 85	4 · 09	103 · 3	27
Wick	29 · 831	52 · 0	50 · 1	57 · 8	45 · 7	74	1884, 91	29	1885, 87	2 · 51	—	—
Nairn	29 · 843	51 · 5	49 · 1	59 · 5	46 · 2	77	1895	25	1892	2 · 48	—	—
Aberdeen	29 · 863	52 · 3	49 · 8	59 · 3	46 · 6	79	1891	30	1887	2 · 89	124 · 2	33
Leith	29 · 887	53 · 3	50 · 8	62 · 0	47 · 5	81	1873, 91	33	1886	2 · 19	—	—
Shields	29 · 910	53 · 2	51 · 0	60 · 1	48 · 2	79	1895	34	1885, 89, 93	2 · 30	—	—
Spurn Head	29 · 947	55 · 6	53 · 8	60 · 7	52 · 5	75*	1895	38*	1892	1 · 83	—	—
York	29 · 896	52 · 9	51 · 0	63 · 2	47 · 5	83	1895	30	1885	2 · 45	118 · 4	32
Loughborough	29 · 971	53 · 6	51 · 9	65 · 4	47 · 6	86*	1891, 95	30*	1885, 94	2 · 50	—	—
Ardrossan	29 · 892	53 · 7	51 · 6	59 · 7	49 · 4	78	1880	32	1885	3 · 38	—	—
Donaghadee	29 · 916	53 · 6	52 · 4	60 · 0	49 · 4	71	1893	36	1882, 94	2 · 74	—	—
Holyhead	29 · 941	55 · 8	53 · 6	60 · 8	52 · 5	78	1880	43	1873, 85	3 · 10	—	—
Liverpool	29 · 947	54 · 7	52 · 0	61 · 5	50 · 9	82	1880	39	1885	3 · 17	—	—
Parsonstown	29 · 948	52 · 8	50 · 9	61 · 7	47 · 2	79	1880	31	1877, 93	2 · 92	124 · 7	33
Valencia	29 · 961	56 · 4	54 · 1	61 · 8	51 · 3	78	1895	38	1872, 93	4 · 38	130 · 4	35
Roche's Point	29 · 963	55 · 6	53 · 4	61 · 7	51 · 0	74	1880	39	1893	3 · 74	—	—
Pembroke	29 · 962	56 · 2	54 · 0	60 · 3	53 · 1	74	1895	40	1885	3 · 32	146 · 5	39
Scilly	29 · 982	58 · 5	56 · 4	62 · 0	54 · 8	72	1880, 93, 95	44	1885, 88	3 · 28	—	—
Prawle Point	30 · 004	57 · 2	55 · 3	62 · 5	52 · 3	76*	1889	36*	1885	2 · 41	—	—
Jersey	30 · 003	60 · 2	57 · 2	65 · 8	54 · 9	86	1895	41	1891	2 · 96	183 · 4	49
Hurst Castle	30 · 002	57 · 3	55 · 7	64 · 6	52 · 3	77	1895	35	1885	2 · 76	—	—
Dover	29 · 981	57 · 9	55 · 5	63 · 7	53 · 2	77	1880	32	1885	2 · 53	—	—
LONDON	29 · 991	55 · 8	53 · 4	66 · 5	49 · 6	87	1880	30	1877	2 · 17	111 · 5†	30†
Oxford	29 · 985	53 · 9	52 · 0	64 · 3	48 · 8	83	1880, 95	33	1885	2 · 43	141 · 0	38
Cambridge	29 · 979	54 · 6	52 · 9	66 · 0	47 · 9	88	1880	31	1885	2 · 13	144 · 2	39
Yarmouth	29 · 959	56 · 4	54 · 4	62 · 3	51 · 3	78	1880	33	1885	2 · 64	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·1 in: and more, over the southeastern parts of France, and exceeding 29·9 in: over nearly the whole of France, Austria, and South Germany.
Lowest, 28·9 in: and less, over the Shetland Islands and the neighbourhood.
Gradients steep over Norway and the north of Scotland, moderate to slight elsewhere.
Barometer rising fast at the Scotch stations, but has begun to fall again in the west of Ireland.

TEMPERATURE

Highest, 67° to 65° in the south of France, 64° at Jersey, 62° at Dungeness and Hunt Castle.
Lowest, 38° at Haparanda, 42° at Hernösand, 46° at Bodö, 48° at Fernburghhead and Stornoway.
It again rose to between 63° to 68° over the greater part of England yesterday, and the air was close.

WIND

(1) W. to NW., strong to a gale in the north of Scotland, but S. to E., strong to a strong gale, over Norway.
(2) W. and SW., light, over England, S., and moderate (but increasing) over Ireland.
(3) Very light and variable over France and South Germany.
Strong gales from between S. or SW. and NW. have been felt on our north and northwest coasts generally; Wick reports an extreme of NW 10.

WEATHER

Clear (temporarily) at most of the Scotch and Irish stations, cloudy or overcast elsewhere, and very unsettled generally.
Rain has fallen in all parts of the Kingdom, and at some of the northern and western stations, the amounts measured were large (1·1 in: at Stornoway, and 0·8 in: at Pembroke)
Bright Sunshine 2·7 hrs at Aberdeen, 2 hrs at Southport, hardly any elsewhere.

SEA

Rough off the north of Scotland, rather so on our southwest coasts, moderate to slight elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression of yesterday was very deep, but is now travelling away. A new system is, however, coming towards Ireland, and a further spell of rainy windy weather is probable. The warning signal is still up on our western and northern coasts.

FORECASTS

For the 24 hours ending at NOON on 19th SEPT., 1896.

DISTRICTS.	FORECASTS.
▲ 0 SCOTLAND NORTH ▲ 1 SCOTLAND EAST	Wind likely to back to S. again and to increase in force, with rain.
2 ENGLAND N.E. 3 ENGLAND EAST 4 MIDLAND COUNTIES 5 ENGLAND SOUTH	SW. to S. winds, freshening considerably; gusty, rainy, unsettled.
▲ 6 SCOTLAND WEST	Same as Nos. 0 and 1.
▲ 7 ENGLAND N.W. ▲ 8 ENGLAND S.W. ▲ 9 IRELAND NORTH ▲ 10 IRELAND SOUTH	S. winds, increasing again; rainy, squally.
WARNINGS	At 11·30 am yesterday to districts 1 and 8 "Hoist South Cone". The signals are flying in districts 0, 1, and 6 to 10.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.) Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.) Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29.75	56	53	WSW	7	c	5
Sumburgh Head	29.53	55	51	SW	4	bc	4
Stornoway	29.40	52	52	S	8	r	5
Aberdeen	29.59	54	52	SSE	5	ogqp	4
Shields	29.72	59	55	SSW	3	or	2
Ardrossan	29.42	56	56	S	5	r	4
Malin Head ...	29.20	59	58	S	8	c	6
Belmullet	29.36	61	60	SW	8	om	*
Holyhead	29.67	57	57	SSW	9	dmqu	7

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	29.61	64	63	SW	6	o	7
Scilly	29.94	63	59	SSW	5	c	5
Jersey	30.11	65	59	S	5	bc	3
Hurst Castle ...	30.05	62	58	SW	5	om	4
Dungeness ...	30.05	62	60	SW	5	c	4
North Foreland	30.05	63	58	SW	3	o	2
London (Westminster)	30.03	62	58	SW	3	or	*
Yarmouth ...	29.97	64	58	SW	4	c	3
Rochefort ...	30.18	75	72	NW	2	b	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning fine and bright over the Mediterranean, southern, and eastern Europe, as well as in many parts of Finland, and Scandinavia, and Scotland; cloudy or overcast elsewhere, very rainy and unsettled in Ireland. Rain falling later in all parts of the United Kingdom and neighbourhood,—the amounts being large on some parts of our northern and southwestern coasts; aurora seen at Aberdeen at night.

Temperature risen quickly over Central Europe and the south of Russia. Morning readings highest, 79° at Patras, 77° at Sfax, 73° at Algiers, exceeding 60° at the Mediterranean stations generally, as well as in the south of Russia, and on the shores of the English Channel. Lowest 45° at Moscow, 46° at Uleaborg, 48° at Hangö and Bodö, 49° at Stornoway, and 50° to 52° in the extreme north of Scotland and Ireland. Rising later to between 63° and 68° over the greater part of our Islands, to 72° at Paris, 79° at Nice, and 88° at Biarritz.

Wind (1) NW³, moderate to strong, over the Arctic and eastern shores of the North Sea, but E³, light, over Lapland; (2) SW³ to 5³ over the British Islands, and becoming strong at the western stations; (3) Light and anticyclonic over southern and central Europe. Increasing subsequently to a strong gale from S.SW. and NW. on all our northwestern and northern coasts, and blowing a "whole gale" at Wick.

Barometer highest 30·3 in. and more to 30·1 in. over Spain, France, Germany, and southeastern Europe. Lowest 29·4 in. and less in a depression off the west of Norway, and below 29·6 in. off the northwest of Ireland. Barometer falling rapidly in latter district. A deep and well formed depression advancing to Scotland from the southwestward later, where barometer fell to below 29·0 in.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France: at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.
" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Saturday, 19th September, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	29.54	47	SE	2	r	29.43	-.20	47	45	+9	E	2	0	#	r	#	55	44	0.04
	Hernösand ...	29.16	48	E	8	r	29.17	-.43	46	45	+4	ZU	0	f	#	r	#	54	37	0.47
	Stockholm ...	29.37	51	SW	4	b	29.34	-.32	51	48	+2	SW	4	b	#	b	#	57	45	0.16
	Wisby														#		#			
	Karlstad ..	29.34	53	SW	8	b	29.33	-.19	51	47	-4	WSW	6	b	#	b	#	#	#	0.16
	Bodö	29.36	51	ESE	2	bc	29.32	-.19	50	44	+4	E	2	c	1	bc	#	57	43	-
	Christiansund ...	28.93	53	SSW	4	r	29.13	+.03	49	48	-3	WSW	8	r	4	r	#	59	48	0.20
	Skudesnaes ...	29.41	54	W	8	0	29.33	+.10	50	48	-4	NE	2	b	4	r.0	#	54	45	#
	Færder (Christiania Fjord)	29.34	55	WSW	6	b	29.35	+.06	54	51	-1	WSW	6	b	5	b	#	59	54	0.12
	Skagen (The Scaw)	29.50	54	WNW	4	b	29.41	+.02	52	50	?	WSW	2	bc	0	b	#	57	39	0.04
	Fanö	29.59	55	W	4	c	29.40	-.12	56	52	-3	WSW	6	c	#	c	#	61	52	0.08
BRITISH ISLANDS.	Sumburgh Head	29.29	51	WNW	3	c	29.29	+.30	49	47	+1	NNE	1	c	4	c	#	53	46	0.03
	Stornoway ...	29.33	52	WSW	4	c	29.32	-.03	49	47	-1	WNW	3	c	3	o.c	4.8	55	42	0.20
	Wick	29.36	52	NW	3	o	29.32	+.01	49	48	-1	NW	2	c	1	o	#	56	39	0.10
	Nairn	29.34	59	E	0	r	29.32	-.06	48	47	-3	WSW	1	bc	1	r	#	59	42	0.13
	Aberdeen ...	29.38	53	SSW	2	cg	29.36	-.08	52	47	-3	SW	2	b	1	bcq.rq	8.3	63	41	0.16
	Leith	29.37	55	SW	1	0	29.42	-.12	52	51	-2	WSW	3	c	#	o	#	62	46	
	Shields	29.49	55	SSW	3	c	29.52	-.10	54	50	+1	WSW	3	c	2	c	#	63	47	0.06
	Spurn Head ...	29.56	56	S	3	o	29.61	-.09	53	50	-1	WSW	5	b	4	o.p.l	#	57	49	-
	York	29.55	55	S	2	c	29.60	-.07	52	50	-1	SW	4	c	#	c.p	0.8	58	47	0.04
	Loughborough ...	29.61	56	SW	2	o	29.72	-.02	50	47	-2	WSW	4	bw	#	o.cq.p.b	#	58	46	0.05
	Ardrossan ...	29.32	54	S	6	qpm	29.47	-.08	51	50	-3	W	3	cp	3	c.qpm	#	58	49	0.32
	Malin Head ...	29.43	50	NW	5	cp	29.49	-.02	50	48	-1	NW	6	cqp	5	o.cp	#	57	48	0.31
	Belmullet ...	29.58	53	WNW	4	bcqp	29.67	+.13	54	51	-1	W	5	bcqp	#	oqp.bcqp	#	57	51	0.5
	Donaghadee ...	29.44	53	WNW	5	cp	29.58	-.05	50	49	0	WSW	5	b	3	cp	#	60	45	0.06
	Liverpool (Bidston)	29.52	53	W	4	p	29.65	-.06	54	49	+1	WSW	5	o	5	c.p	#	59	50	0.22
	Holyhead ...	29.53	54	W	7	cqp	29.69	-.04	54	51	+2	W	7	cq	6	qmqp	#	58	50	0.07
	Parsonstown ...	29.64	51	W	2	b	29.74	+.07	51	48	+2	SW	1	b	#	b.p	5.8	58	46	0.20
	Valencia ...	29.75	56	W	5	bcq	29.87	+.21	56	52	-1	W	5	cp	6	bcq	6.0	59	51	0.08
	Roche's Point ..	29.73	56	WNW	3	b	29.87	+.15	54	50	-1	WNW	3	b	3	b	#	61	48	0.05
	Pembroke (St. Ann's Hd.)	29.66	58	WNW	5	b	29.78	+.02	55	50	-1	NW	5	b	5	o.b	0.6	58	52	0.10
	Scilly	29.79	59	WNW	5	c	29.86	+.07	55	52	-4	WNW	4	cp	4	o.c	1.8	61	52	0.10
	Prawle Point ...	29.73	57	WSW	6	o	29.84	+.04	56	55	-1	WNW	3	c	2	op	#	58	50	0.10
	Jersey (St. Aubin's)	29.83	63	W	4	ogp	29.90	+.05	60	55	-4	W	5	bc	4	c.gp	#	67	55	0.13
	Hurst Castle ...	29.72	60	SW	4	ou	29.83	+.06	57	53	-5	W	4	b	2	o.p	#	63	49	0.01
	Dungeness ...	29.70	60	WSW	4	c	29.80	+.06	57	52	-5	W	4	b	4	c	#	64	49	0.06
	North Foreland	29.69	61	W	3	o	29.78	+.01	55	49	-4	WSW	5	c	2	r.o	#	63	47	0.02
	London (Kew Obs.) ...	29.68	59	W	1	og	29.80	+.03	51	48	-9	W	2	b	#	o.qp.bm	0.3	65	45	0.11
	Oxford	29.65	56	SW	3	p	29.78	+.03	52	49	-6	WSW	2	b	#	o.p.b	#	61	46	0.01
	Cambridge ...	29.65	57	SW	2	p	29.75	-.01	51	48	-5	SW	3	b	#	p	1.1	62	45	-
	Yarmouth ...	29.65	58	SW	2	c	29.69	-.04	52	48	-5	W	4	b	3	bcv.c	#	60	48	0.01
GERMANY & HOLLAND.	Cuxhaven ...	29.66	57	W	1	o	29.52	-.15	54	?	-3	WSW	5	c	#	o.r	#	63	52	0.20
	Berlin	29.73	63	ZU	0	o	29.69	-.20	55	54	-2	SW	3	r	#	o	#	68	54	0.20
	Wiesbaden ...	#	#	#	#	#	29.83	-.17	58	57	+5	NW	2	r	#	#	#	73	53	0.04
	Munich... ..	30.02	62	SW	2	b	29.91	-.22	64	59	+5	SW	3	b	#	b	#	75	55	-
	The Helder ...	29.64	59	WSW	1	o	29.64	-.05	58	52	-4	W	6	bc	3	o	#	63	57	0.04
BELGIUM.	Brussels ...	#	#	#	#	#	29.82	-.03	54	52	-6	WSW	4	c	#	r	#	63	52	0.79
	Cape Gris Nez...	29.69	60	W	5	o	29.76	-.02	55	55	-5	NW	4	bc	4	o	#	64	52	0.16
	Paris	29.87	65	S	4	o	29.90	-.04	55	54	-6	SW	1	o	#	o	#	69	55	0.71
	Brest	29.88	60	SW	2	r	29.93	+.04	56	55	-5	W	3	c	3	r	#	63	52	0.04
	Lorient... ...	29.91	60	WNW	5	r	29.95	+.03	59	58	-3	NW	4	o	2	r	#	64	54	0.32
FRANCE &	Rochefort ...	30.02	66	WSW	4	o	30.00	-.08	59	57	-5	NNW	3	r	#	o	#	73	57	1.66
	Belfort	29.93	71	W	1	bc	29.84	-.20	62	60	+4	WSW	4	r	#	bc	#	79	58	0.04
	Lyons	29.96	72	S	1	b	29.92	-.18	66	61	+5	NNW	2	c	#	b	#	82	61	-
	Nice	30.09	64	ZU	0	b	30.02	-.11	63	61	-3	ZU	0	b	0	b	#	77	61	-
	Perpignan ...	30.04	69	ENE	2	o	29.97	-.15	68	67	-3	ZU	0	o	#	o	#	77	65	-
	Biarritz ...	30.03	68	NW	1	o	29.98	-.08	67	63	0	SSW	2	o	3	o	#	72	64	-
PENIN-SULA.	Corunna ...																#			
	Lisbon	30.08	66	H	5	b	30.08	.00	67	63	0	NNE	5	bc	#	b	#	77	64	-
	Azores (P. Delgada)	30.26	72	WNW	1	c	30.23	-.02	72	70	0	WSW	4	b	1	c	#	77	70	0.00

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

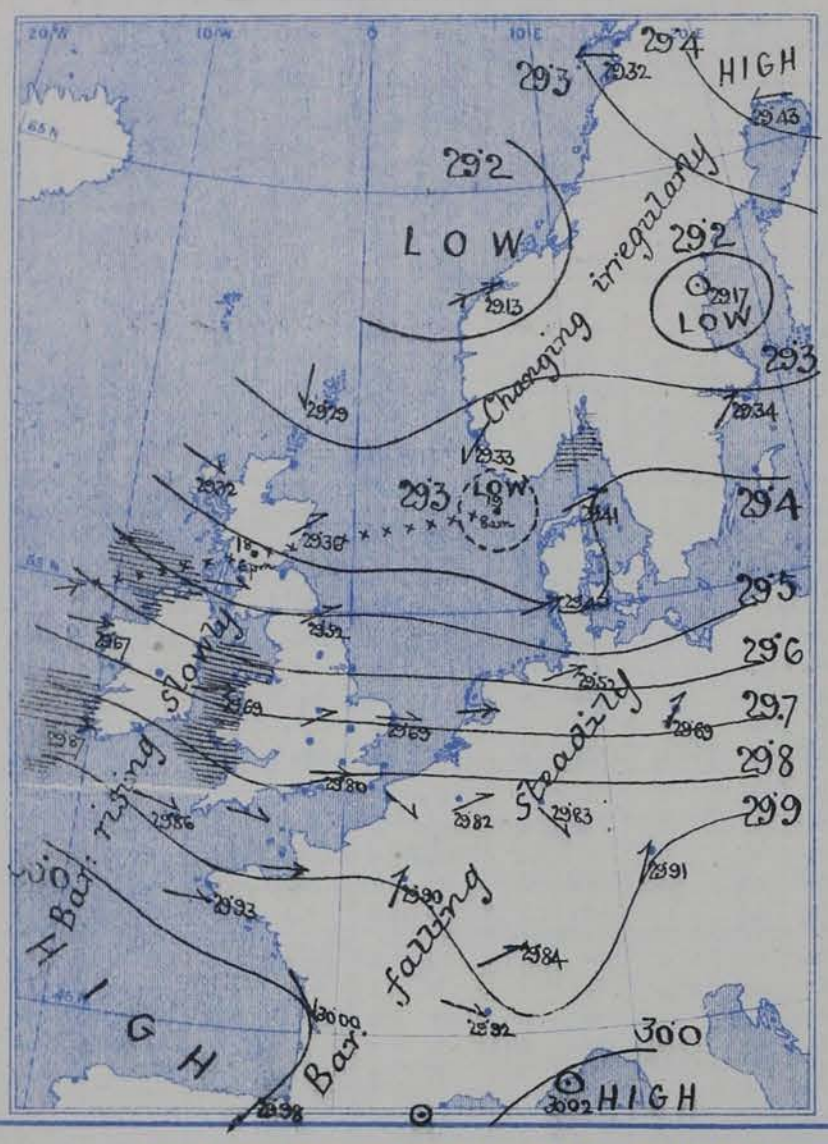
Bright Sunshine yesterday Southport 0.0 hrs: Eastbourne 0.1 hrs: Hastings 0.0.

WEATHER CHARTS

FOR Saturday, 19th September, 1896.

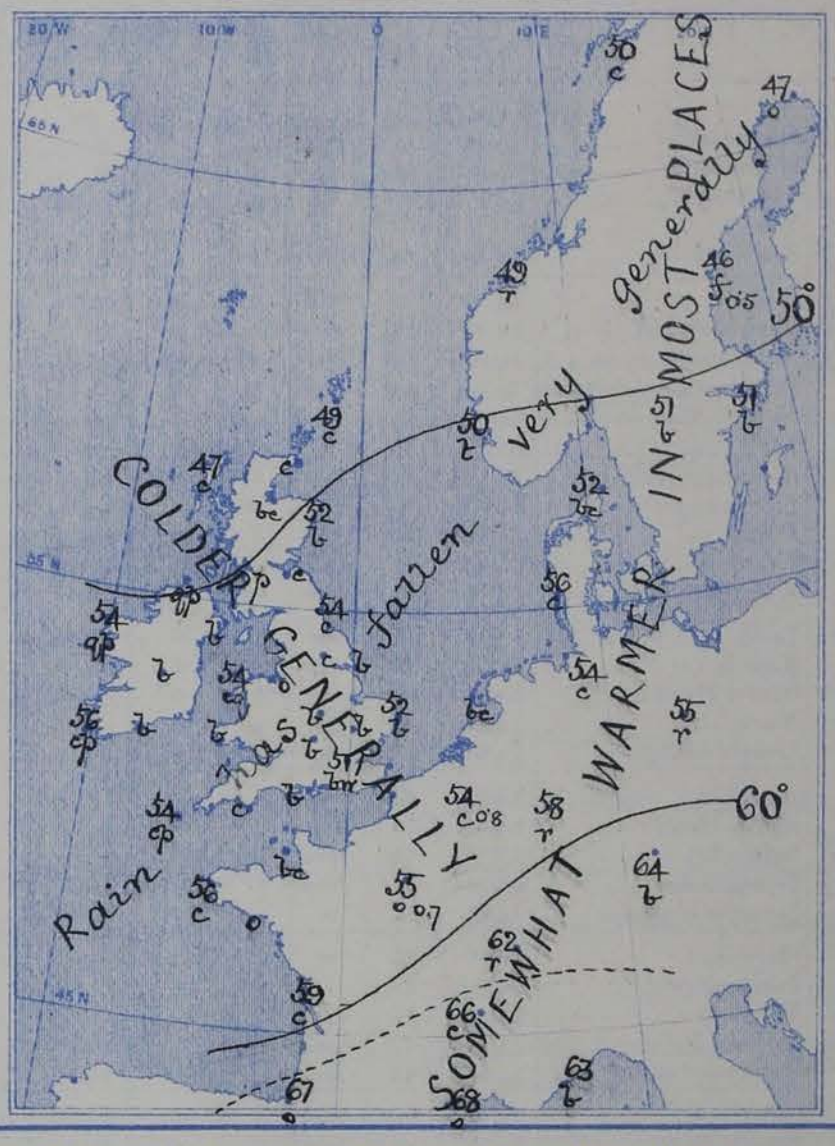
BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.
Force above 10 ⟶⟶ ; *Force 5 to 7* ⟶ ; *Force 8 to 10* ⟶ ; *Force 1 to 4* ⟶ ; Calm ⊙
SEA—Rough ▒ ; *High* ▒



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.
RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF SEPTEMBER.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of: Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Absolute Extremes: Maximum.	Years.	Minimum.	Years.	RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95. Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29·793	50·8	49·1	55·0	46·1	68	1880	34	1887, 88	3·38	—	—
Stornoway	29·814	51·5	50·2	56·5	45·8	69	1895	32	1871, 75, 85	4·09	103·3	27
Wick	29·831	52·0	50·1	57·8	45·7	74	1884, 91	29	1885, 87	2·51	—	—
Nairn	29·843	51·5	49·1	59·5	46·2	77	1895	25	1892	2·48	—	—
Aberdeen	29·863	52·3	49·8	59·3	46·6	79	1891	30	1887	2·89	124·2	33
Leith	29·887	53·3	50·8	62·0	47·5	81	1873, 91	33	1886	2·19	—	—
Shields	29·910	53·2	51·0	60·1	48·2	79	1895	34	1885, 89, 93	2·30	—	—
Spurn Head	29·947	55·6	53·8	60·7	52·5	75*	1895	38*	1892	1·83	—	—
York	29·896	52·9	51·0	63·2	47·5	83	1895	30	1885	2·45	118·4	32
Loughborough	29·971	53·6	51·9	65·4	47·6	86*	1891, 95	30*	1885, 94	2·50	—	—
Ardrossan	29·892	53·7	51·6	59·7	49·4	78	1880	32	1885	3·38	—	—
Donaghadee	29·916	53·6	52·4	60·0	49·4	71	1893	36	1892, 94	2·74	—	—
Holyhead	29·941	55·8	53·6	60·8	52·5	78	1880	43	1873, 85	3·10	—	—
Liverpool	29·947	54·7	52·0	61·5	50·9	82	1880	39	1885	3·17	—	—
Parsonstown	29·948	52·8	50·9	61·7	47·2	79	1880	31	1877, 93	2·92	124·7	33
Valencia	29·961	56·4	54·1	61·8	51·3	78	1895	38	1872, 93	4·38	130·4	35
Roche's Point	29·963	55·6	53·4	61·7	51·0	74	1880	39	1893	3·74	—	—
Pembroke	29·962	56·2	54·0	60·3	53·1	74	1895	40	1885	3·32	146·5	39
Scilly	29·982	58·5	56·4	62·0	54·8	72	1880, 93, 95	44	1885, 88	3·28	—	—
Prawle Point	30·004	57·2	55·3	62·5	52·3	76*	1889	36*	1885	2·41	—	—
Jersey	30·003	60·2	57·2	65·8	54·9	86	1895	41	1891	2·96	183·4	49
Hurst Castle	30·002	57·3	55·7	64·6	52·3	77	1895	35	1885	2·76	—	—
Dover	29·981	57·9	55·5	63·7	53·2	77	1880	32	1885	2·53	—	—
LONDON	29·991	55·8	53·4	66·5	49·6	87	1880	30	1877	2·17	111·5†	30†
Oxford	29·985	53·9	52·0	64·3	48·8	83	1880, 95	33	1885	2·43	141·0	38
Cambridge	29·979	54·6	52·9	66·0	47·9	88	1880	31	1885	2·13	144·2	39
Yarmouth	29·959	56·4	54·4	62·3	51·3	78	1880	33	1885	2·64	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, (1) 30·0 ins: and more, over the Bay of Biscay, and exceeding 29·9 ins: over France and the north of Italy; (2) 29·43 ins: at Haparanda.
Lowest, 29·2 ins: and less, in a depression off the west of Norway, and about 29·3 ins: in a secondary system near Christiansund.
Gradients moderate, and favourable for W. winds over our Islands.
Barometer rising over Ireland, changing little and irregularly elsewhere.

TEMPERATURE

Highest, 68° to 63° in the southwest and south of France, 60° at Jersey, 58° at the Helder.
Lowest, 46° to 47° on the northeast coast of Sweden, 47° to 49° over the northern parts of Scotland, 50° at Malin Hd. and Loughborough, 51° at Greenwich.
It has fallen decidedly over England during the night, but the change appears to be of a temporary kind.

WIND

W. (WSW to WNW) over the British Islands, light in Scotland, moderate to fresh over Ireland and England. A WSW gale is blowing at Christiansund, but a light E. breeze over Lapland. Over France and Germany the wind is W., moderate to light.
It again blew strongly from the W. on our northwest coasts last night

WEATHER

Still in a changeable condition generally – temporarily clear at several of the English stations, especially and showery in the west, rainy over Germany.
Rain has again fallen in almost all parts of the British Islands and neighbouring countries; in France and Belgium the amounts have been large 1·7 ins: at Rochefort, 0·7 in: at Paris, 0·8 in: at Brussels.
Bright Sunshine recorded yesterday was about 8hrs at Aberdeen, 6hrs at the Irish stations, but hardly any over the south of England.

SEA

Still rough in the west, moderate in the Channel, slight off our east coasts.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The showery weather in the west is likely to spread over England later, but bright intervals will also occur in most places.

FORECASTS

For the 24 hours ending at NOON on 20th SEPT: 1896.

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH 1 SCOTLAND EAST 2 ENGLAND N.E. 3 ENGLAND EAST 4 MIDLAND COUNTIES 5 ENGLAND SOUTH	SW. to NW. breezes, moderate or fresh; weather changeable – passing showers, bright intervals.
6 SCOTLAND WEST 7 ENGLAND N.W. 8 ENGLAND S.W. 9 IRELAND NORTH 10 IRELAND SOUTH	SW. to NW. breezes, moderate or fresh; weather changeable – passing showers, bright intervals.
WARNINGS	At 10·40 am to districts 1 and 8. "Lower Cone"

Note – The **South Cone**, *point downwards* ( ), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* ( ), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29·38	50	49	WSW	10	r	8
Sumburgh Head	29·23	53	49	WNW	5	c	6
Stornoway	29·40	55	54	W	4	0	4
Aberdeen	29·43	60	51	SW	4	bcqj	2
Shields	29·57	62	54	SW	3	c	2
Ardrossan	29·45	57	56	SW	3	c	2
Malin Head ...	29·38	51	50	SSW	7	0	3
Belmullet	29·49	52	51	NW	5	oqjp	*
Holyhead	29·59	57	54	SSW	5	oqm	4

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	29·69	58	52	W	6	bcq	6
Scilly	29·77	60	58	SW	4	0	4
Jersey	29·84	65	62	WSW	5	c	4
Hurst Castle ...	29·77	63	57	W	4	0	3
Dungeness ...	29·72	63	52	SW	4	c	3
North Foreland	29·73	63	60	W	2	r	2
London (Westminster)	29·72	65	58	SW	2	0	*
Yarmouth ...	29·72	60	55	S	2	bcv	3
Rochefort ...	30·06	68	66	W	4	0	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning very fine and light over the eastern, southern and southeastern parts of Europe and the Mediterranean, and temporarily fair in the north; very changeable and unsettled over the British Isles, the north of France, and all countries lying on the eastern side of the North Sea. Rain falling in many places and general appearance unsettled. Rain later in all parts of our Islands and Western Europe – amounts largest (1·1 in. to 0·7 in.) over parts of France and Belgium, lightning seen at Spurn Head

Temperature in morning highest 77° at Sfax and Barcelona, and exceeding 70° at several other of the most southern stations, 64° at Jersey, 62° at Hurst Castle, Dungeness, and the Helder, 60° in London. Lowest (1) 38° at Haparanda, 42° at Hernösand, 43° at Moscow; (2) 48° at Sumburgh Hd. and Stornoway, 49° at Parsonstown, 52° at Loughborough. Not exceeding 65° later at any of the stations in Ireland and England, but rising to 69° at Paris, 73° at Wiesbaden, 77° at Nice and 82° at Lyons. Falling rather decidedly over England at night.

Wind light and variable (anticyclonic) over the southern and eastern countries, much stronger and cyclonic in the north and northwest: (1) SW and W, moderate over Scotland, WNW, a moderate gale at Sumburgh Hd., S to ESE, a fresh to very strong gale, on the Norwegian coast, S strong on the eastern side of the North Sea. In Ireland the wind after blowing strongly from WNW. had backed to S. Gales in north, moderating later, but strong breezes again felt in the west and northwest of our Islands.

Barometer highest 30·1 in. and more to 30·0 in. over all the southern and southeastern countries of Europe, and the Mediterranean and exceeding 29·8 in. even over the Baltic Provinces of Russia. Lowest, Below 29·0 in. in a depression lying a little to the northward of the Shetland Islands, and apparently below 29·6 in. over the north of Russia. Gradients very steep over the Shetlands and north of Scandinavia. Rising quickly over the Shetlands Isles later, changing irregularly elsewhere. Well marked secondary moving over Scotland from the southwestward.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

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" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Sunday 20th September, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA	Haparanda ...	29.45	45	ESE	4	o	29.56	+ .13	48	45	+ 1	E	4	o	*	o	*	55	41	—
	Hernösand ...	29.34	42	2	o	b	29.43	+ .26	44	43	— 2	2	o	c	*	b	*	59	41	—
	Stockholm ...	29.40	53	2	o	o	29.52	+ .18	52	50	+ 1	W	4	bc	*	o	*	59	45	—
	Wisby	29.51	56	W	8	b	29.45		53	50		W	8	b	*	b	*	57	50	0.24
	Karlstad ...	29.37	54	SE	1	o	29.49	+ .16	52	49	+ 1	WSW	4	bc	*	o	*	*	*	—
	Bodö	29.42	49	NE	2	c	29.55	+ .23	47	43	— 3	NE	2	b	1	c	*	54	43	—
	Christiansund ...	29.26	49	WSW	8	r	29.37	+ .24	48	47	— 1	SSW	3	r	3	r	*	49	48	1.22
	Skudesnaes ...	29.41	50	SSW	2	o	29.46	+ .13	51	48	+ 1	SW	2	c	3	o	*	54	48	*
	Færder (Christiania Fjord)	29.36	55	WSW	3	o	29.45	+ .10	53	51	— 1	WSW	4	b	3	o	*	57	52	—
	Skagen (The Scaw)	29.50	53	SE	3	bc	29.53	+ .12	50	49	— 2	WSW	2	bc	1	bc	*	57	46	0.24
	Fanö	29.57	54	W	5	b	29.56	+ .16	52	50	— 4	SW	5	c	*	b.bc	*	59	52	0.12
BRITISH ISLANDS.	Sumburgh Head	29.40	49	N	1	c	29.53	+ .24	48	46	— 1	N	3	c	3	o, c	*	54	45	0.03
	Stornoway ...	29.44	55	N	3	c	? 29.66	+ .34	46	46	— 1	NNW	3	c	3	c	5.8	55	43	0.26
	Wick	29.42	50	NW	2	r	29.61	+ .29	50	49	+ 1	NW	3	bc	2	r	*	55	38	0.32
	Nairn	29.42	47	2	o	o	29.62	+ .30	47	46	— 1	W	1	c	2	o	*	56	43	0.29
	Aberdeen ...	29.44	49	W	1	c	29.58	+ .22	49	47	— 3	NW	5	bcpq	3	pq, c	7.2	58	44	0.06
	Leith	29.46	50	WSW	2	o	29.64	+ .22	48	47	— 4	W	1	c	*	o	*	59	45	—
	Shields	29.52	53	SW	3	c	29.58	+ .06	48	46	— 6	WNW	2	c	2	p, c	*	60	43	—
	Spurn Head ...	29.62	56	WSW	5	b	29.60	— .01	52	49	— 1	WSW	3	c	3	b	*	60	47	—
	York	29.62	54	WSW	4	b	29.60	.00	49	44	— 3	WNW	1	bc	*	b	6.7	63	44	0.29
	Loughborough ...	29.70	54	W	1	b	29.66	— .06	49	46	— 1	W	3	bcw	*	bcpq, b	*	61	45	0.01
	Ardrossan ...	29.49	51	W	2	op	29.64	+ .17	51	49	0	W	4	b	2	op	*	57	43	0.13
	Malin Head ...	29.53	50	NW	8	crq	29.69	+ .20	52	49	+ 2	NNW	5	c	4	c, rq	*	54	48	0.17
	Belmullet ...	29.73	53	WNW	5	c	29.80	+ .13	54	52	0	N	5	bc	*	c	*	57	51	0.22
	Donaghadee ...	29.59	50	WSW	5	cp	29.66	+ .08	49	49	— 1	WSW	5	c	3	rq cp	*	59	44	0.10
	Liverpool (Bidston)	29.65	53	W	6	c	29.64	— .01	50	48	— 4	WNW	3	o	3	c	*	58	47	0.26
	Holyhead ...	29.68	53	W	6	c	29.66	— .03	53	51	— 1	NW	6	c	5	c	*	60	49	0.01
	Parsonstown ...	29.74	53	W	2	b	29.77	+ .03	50	48	— 1	W	2	b	*	b, p	9.3	58	44	0.09
	Valencia ...	29.87	55	W	5	cp	29.88	+ .01	54	50	— 2	NNW	5	bcq	5	cp	7.7	59	49	0.10
	Roche's Point ..	29.83	56	NW	4	bc	29.85	— .02	53	49	— 1	NW	3	b	3	bc	*	60	49	—
	Pembroke (St. Ann's Hd.)	29.76	55	W	6	bc	29.74	— .04	53	50	— 2	NW	5	bc	2	bc	9.4	58	50	0.03
	Scilly	29.91	58	WNW	4	c	29.82	— .04	56	52	+ 1	WNW	5	cq	4	c	8.8	61	51	0.07
	Prawle Point	29.85	55	WSW	5	b	29.79	— .05	54	51	— 2	W	5	bcp	4	b, p	*	61	47	0.04
	Jersey (St. Aubin's)	29.90	60	WNW	5	bcw	29.80	— .10	58	53	— 2	W	4	bc	4	p, bcw	*	63	52	0.27
	Hurst Castle ...	29.79	58	W	4	b	29.74	— .09	55	51	— 2	W	3	bc	2	b	*	64	49	0.02
	Dungeness ...	29.76	58	SW	4	cp	29.71	— .09	57	53	0	W	4	b	3	cp	*	65	48	—
	North Foreland	29.77	55	SW	3	c	29.69	— .09	52	49	— 3	W	3	bw	2	bc, c, b	*	62	46	—
	London (Brixton) ...	29.75	56	W	2	b	29.72	— .08	52	49	+ 1	W	2	bw	*	c, bc, bw	9.2	64	44	—
	Oxford	29.77	51	WSW	2	c	29.70	— .08	49	47	— 3	WSW	3	b	*	c	*	61	44	—
	Cambridge ...	29.72	55	SW	1	b	29.67	— .08	49	47	— 2	WSW	2	b	*	b	11.0	63	42	—
	Yarmouth ...	29.70	57	W	3	bc	29.64	— .05	50	47	— 2	WSW	3	b	3	bc	*	61	45	—
GERMANY & HOLLAND.	Cuxhaven ...	29.65	56	WSW	4	bc	29.65	+ .13	48	48	— 6	S	3	c	*	bc	*	59	46	0.04
	Berlin	29.76	58	2	o	c	29.80	+ .11	51	49	— 4	SW	2	o	*	c	*	64	50	0.04
	Wiesbaden ...	*	*	*	*	*	29.84	+ .01	52	51	— 6	SW	1	c	*	*	*	66	49	0.32
	Munich... ..	29.92	54	W	6	r	29.91	.00	49	49	— 15	S	1	r	*	r	*	73	49	0.67
	The Helder ...	29.69	58	SW	2	bc	29.62	— .02	56	51	— 2	WSW	2	bc	1	bc	*	59	52	—
BELGIUM.	Brussels ...	*	*	*	*	*	29.75	— .07	51	49	— 3	SW	3	c	*	b	*	62	48	—
	Cape Gris Nez...																*			
	Paris	29.91	56	SW	2	b	29.80	— .10	48	46	— 7	SSW	2	bc	*	b	*	65	46	—
	Brest	29.95	59	NW	2	b	29.87	— .06	55	53	— 1	WNW	2	c	2	b	*	66	50	0.12
	Lorient... ...	29.97	59	NW	5	b	29.88	— .07	57	54	— 2	WNW	5	bc	3	b	*	64	48	0.46
FRANCE &	Rochefort ...	30.04	63	NW	4	bc	29.95	— .05	59	57	0	NW	4	c	*	bc	*	68	57	0.04
	Belfort	29.91	53	WSW	1	r	29.88	+ .04	50	49	— 12	W	2	m	*	r	*	71	47	0.82
	Lyons	29.98	55	E	1	r	29.95	+ .03	52	48	— 14	N	1	c	*	tlr	*	73	46	0.91
	Nice	29.91	65	2	o	o	29.70	— .32	60	60	— 3	E	1	o	o	o	*	73	59	0.43
	Perpignan ...	29.96	63	NW	3	t	29.96	— .01	61	55	— 7	NW	2	c	*	t	*	78	55	0.35
	Biarritz ...	30.03	58	ENE	2	r	30.00	+ .02	57	55	— 10	SW	5	r	4	r	*	68	57	0.71
PENINSULA.	Corunna ...	30.12	64	NW	1	b	30.12	— .04	58	55	— 2	NW	1	b	3	b	*	73	58	—
	Lisbon	30.06	64	NNE	6	c	30.08	.00	62	56	— 5	N	4	bc	*	c	*	75	59	—
	Azores (P. Delgada)	30.21	72	WSW	3	b	30.14	— .09	72	68	0	SW	4	bc	4	b	*	77	70	—

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

[illegible]

WEATHER CHARTS

FOR SUNDAY, 20TH SEPTR, 1896.

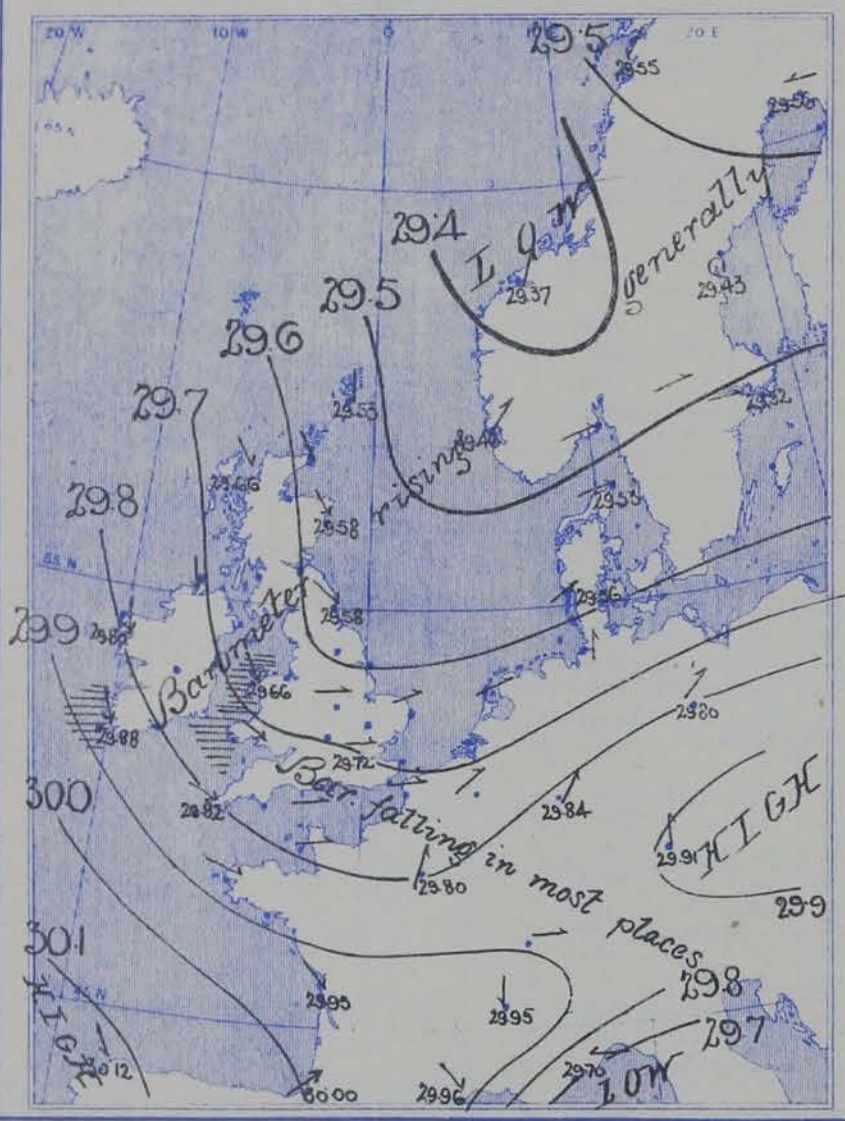
BAROMETER, WIND AND SEA.

BAROMETER Isobars are drawn for each tenth of an inch.

WIND Arrows shew Directions and Force, flying with the wind.

Force above 10 ; Force 5 to 7 ; Force 8 to 10 ; Force 1 to 4 ; Calm ⊙

SEA — Rough ; High

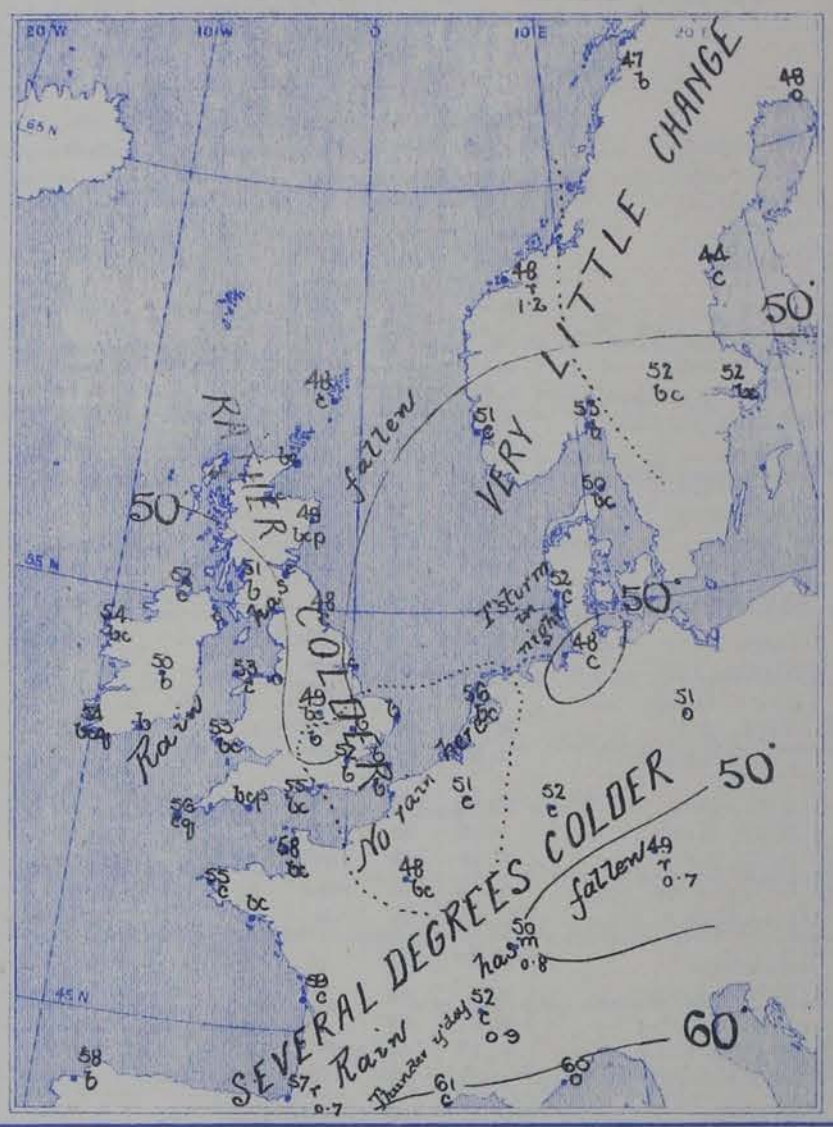


TEMPERATURE & WEATHER.

TEMPERATURE — Isotherms are drawn for each 10°.

WEATHER Shown by Letters of the Beaufort Scale.

RAINFALL A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus 0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE

IN THE MONTH OF SEPTEMBER.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Absolute Extremes. Maximum.	Years.	Minimum.	Years.	RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95. Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29 · 793	50 · 8	49 · 1	55 · 0	46 · 1	68	1880	34	1887, 88	3 · 38	—	—
Stornoway	29 · 814	51 · 5	50 · 2	56 · 5	45 · 8	69	1895	32	1871, 75, 85	4 · 09	103 · 3	27
Wick	29 · 831	52 · 0	50 · 1	57 · 8	45 · 7	74	1884, 91	29	1885, 87	2 · 51	—	—
Nairn	29 · 843	51 · 5	49 · 1	59 · 5	46 · 2	77	1895	25	1892	2 · 48	—	—
Aberdeen	29 · 863	52 · 3	49 · 8	59 · 3	46 · 6	79	1891	30	1887	2 · 89	124 · 2	33
Leith	29 · 887	53 · 3	50 · 8	62 · 0	47 · 5	81	1873, 91	33	1886	2 · 19	—	—
Shields	29 · 910	53 · 2	51 · 0	60 · 1	48 · 2	79	1895	34	1885, 89, 93	2 · 30	—	—
Spurn Head	29 · 947	55 · 6	53 · 8	60 · 7	52 · 5	75*	1895	38*	1892	1 · 83	—	—
York	29 · 896	52 · 9	51 · 0	63 · 2	47 · 5	83	1895	30	1885	2 · 45	118 · 4	32
Loughborough	29 · 971	53 · 6	51 · 9	65 · 4	47 · 6	86*	1891, 95	30*	1885, 94	2 · 50	—	—
Ardrossan	29 · 892	53 · 7	51 · 6	59 · 7	49 · 4	78	1880	32	1885	3 · 38	—	—
Donaghadee	29 · 916	53 · 6	52 · 4	60 · 0	49 · 4	71	1893	36	1882, 94	2 · 74	—	—
Holyhead	29 · 941	55 · 8	53 · 6	60 · 8	52 · 5	78	1880	43	1873, 85	3 · 10	—	—
Liverpool	29 · 947	54 · 7	52 · 0	61 · 5	50 · 9	82	1880	39	1885	3 · 17	—	—
Parsonstown	29 · 948	52 · 8	50 · 9	61 · 7	47 · 2	79	1880	31	1877, 93	2 · 92	124 · 7	33
Valencia	29 · 961	56 · 4	54 · 1	61 · 8	51 · 3	78	1895	38	1872, 93	4 · 38	130 · 4	35
Roche's Point	29 · 963	55 · 6	53 · 4	61 · 7	51 · 0	74	1880	39	1893	3 · 74	—	—
Pembroke	29 · 962	56 · 2	54 · 0	60 · 3	53 · 1	74	1895	40	1885	3 · 32	146 · 5	39
Scilly	29 · 982	58 · 5	56 · 4	62 · 0	54 · 8	72	1880, 93, 95	44	1885, 88	3 · 28	—	—
Prawle Point	30 · 004	57 · 2	55 · 3	62 · 5	52 · 3	76*	1889	36*	1885	2 · 41	—	—
Jersey	30 · 003	60 · 2	57 · 2	65 · 8	54 · 9	86	1895	41	1891	2 · 96	183 · 4	49
Hurst Castle	30 · 002	57 · 3	55 · 7	64 · 6	52 · 3	77	1895	35	1885	2 · 76	—	—
Dover	29 · 981	57 · 9	55 · 5	63 · 7	53 · 2	77	1880	32	1885	2 · 53	—	—
LONDON	29 · 991	55 · 8	53 · 4	66 · 5	49 · 6	87	1880	30	1877	2 · 17	111 · 5†	30†
Oxford	29 · 985	53 · 9	52 · 0	64 · 3	48 · 8	83	1880, 95	33	1885	2 · 43	141 · 0	38
Cambridge	29 · 979	54 · 6	52 · 9	66 · 0	47 · 9	88	1880	31	1885	2 · 13	144 · 2	39
Yarmouth	29 · 950	56 · 4	54 · 4	62 · 3	51 · 3	78	1880	33	1885	2 · 64	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, (1) 30·1 in: and more to 30·0 in: over the Biscay Peninsula, and exceeding 29·9 in: over South Germany, the southwest of France, and off the southwest coast of Ireland; (2) 29·5 in: and more over Lapland.

Lowest, Below 29·4 in: in a shallow depression over the west of Norway.

Gradients moderate and favourable for NW. to W. winds in our Islands and for SW. over France. Barometer rising decidedly at the northern stations and over Germany, falling slightly over the southeastern parts of the British Islands and over France.

TEMPERATURE

Highest, 62° at Lisbon, 60° at Nice, 59° at Rochefort, 58° at Jersey.

Lowest, 44° to 48° over the northern parts of Scandinavia, 46° to 50° over Scotland and many parts of England.

The highest of the maxima recorded over England yesterday ranged between 60° and 65°; 65° was recorded at Paris also, 71° at Lyons, 78° at Perpignan.

WIND

E. over Lapland, NW. to W. over the British Islands, SW. over Germany; E. in the south of France.

The wind is veering more towards N. over the Kingdom generally, and apparently decreasing in force.

WEATHER

Brighter over the United Kingdom than of late, but not settled, and still showery in places; rainy at Christiansund, Munich and Biarritz.

Showers have fallen in the north and west of the British Islands, and much rain in many parts of the Continent. Lightning has occurred in the southeast of England and on the eastern shores of the North Sea. Bright Sunshine yesterday 11 hrs at Cambridge, about 9 hrs Sally, Parsontown and in London, about 8 hrs at Valencia, about 7 hrs at Aberdeen and York and 6 hrs at Stornoway.

SEA

Still rather rough at our western stations, moderate to slight elsewhere, but tending to go down generally.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 21st SEPT. 1896.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	NONE ISSUED	6 SCOTLAND WEST	NONE ISSUED.
1 SCOTLAND EAST		7 ENGLAND N.W.	
2 ENGLAND N.E.		8 ENGLAND S.W.	
3 ENGLAND EAST		9 IRELAND NORTH	
4 MIDLAND COUNTIES		10 IRELAND SOUTH	
5 ENGLAND SOUTH		WARNINGS	NONE ISSUED

Note.—The **South Cone**, *point downwards* ( ), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* ( ), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29.37	54	50	S	2	o	3
Sumburgh Head	29.36	51	48	N	1	o	3
Stornoway ...	29.38	55	52	WNW	3	c	3
Aberdeen	29.40	53	47	NW	5	cpq	3
Shields	29.51	60	52	WSW	3	c	2
Ardrossan	29.45	52	52	W	3	o	2
Malin Head ...	29.52	52	50	NW	8	c	6
Belmullet	29.79	56	55	W	5	bcpq	*
Holyhead	29.70	55	53	W	6	c	5

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	29.88	58	52	W	5	bcp	6
Scilly	29.91	60	53	WNW	4	c	4
Jersey	29.89	62	57	WNW	5	bcw	4
Hurst Castle ...	29.82	57	53	W	2	cp	2
Dungeness ...	29.76	64	56	WSW	5	bc	4
North Foreland	29.77	61	53	W	3	bc	2
London (Westminster)	29.76	62	53	WNW	2	bc	
Yarmouth ...	29.70	61	52	W	4	b	3 *
Rochefort ...	30.02	68	64	NW	3	bc	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning fine and bright over southwestern, southern, and southeastern Europe, and temporarily so in several parts of the British Islands, but unsettled over the northwestern and northern countries as a whole, with rain in several places. Much rain later in the west of Norway and over the southern parts of France and Germany. Showers in all the western and northern parts of our Islands (heaviest in the north), thunder and lightning at Faro and on the southeast coast of England

Temperature in morning highest 93° at Patras, 81° at Sfax, 78° at Barcelona, and above 70° on the southern shores of the Mediterranean generally; 67° to 60° over the southern parts of France and Germany, 60° at Jersey. Lowest, (1) 39° at Archangel, 46° at Moscow, 47° at Uleaborg, and Haparanda; (2) 47° at Stornoway, 48° to 49° over the northeast coast of Scotland, 50° at Malin Hd. Rising later to between 78° and 70° in the south and west of France, and to between 65° and 60° over England, but not touching 60° over Scotland and the north of Ireland.

Wind (1) E³ over Lapland and the north of Russia; (2) NW³ to W³, and very fresh over the British Islands; SW³, moderate, over Germany; variable and light over the south of Europe. NW³ over the Bay of Biscay. Veering a little over our Islands later — little change elsewhere.

Barometer highest 30.1 ins. and more over the northwest of Spain and adjacent parts of the Atlantic, and exceeding 30.0 ins. over the remainder of the Peninsula and the Bay of Biscay; (2) 29.6 ins. and more over the central and northern parts of Russia. Lowest (1) Below 29.0 ins. in a depression off the west of Norway and in a secondary over the Gulf of Bothnia, and about 29.3 ins. in another secondary off the southwest of Norway; (2) Below 30.0 ins. in a small disturbance over the north of the Adriatic. Rising later over Scotland and northern Europe.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

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DAILY WEATHER REPORT

for 8 a.m. on Monday 21st September, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Change since Yesterday.	Temperature. Dry Bulb.	Wet Bulb.	Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	29.69	46	E	4	0	29.73	+.17	47	47	-1.1	E	2	0	*	0	*	50	43	0.32
	Hernösand ...	29.59	41	2	0	b	29.68	+.25	51	50	+1	NE	4	c	*	b	*	59	36	0.32
	Stockholm ...	29.65	50	2	0	b	29.69	+.17	50	48	-2	2	0	b	*	b	*	59	48	-
	Wisby														*		*			
	Karlstad ...	29.60	52	2	0	b	29.64	+.15	53	50	+1	S	1	0	*	b	*	*	*	-
	Bodö	29.69	49	E	1	b	29.71	+.16	47	42	0	E	2	b	1	b	*	54	43	-
	Christiansund ...	29.51	49	SS	2	c	29.52	+.15	49	47	+1	2	0	c	1	c	*	54	46	0.08
	Skudesnaes ...	29.53	49	2	0	b	29.60	+.14	47	46	-4	2	0	bc	2	b	*	57	45	*
	Færder (Christiania Fjord)	29.54	54	SSW	2	bc	29.59	+.14	53	51	0	NNW	1	c	2	bc	*	57	?	0.08
	Skagen (The Scaw)	29.59	53	SW	3	b	29.62	+.09	51	50	+1	WSW	1	b	0	b	*	59	44	0.04
	Fanö	29.56	49	SSW	2	c	29.55	-.01	50	49	-2	S	2	cp	*	c	*	57	?	0.51
BRITISH ISLANDS.	Sumburgh Head	29.57	48	NNW	3	0	29.58	+.05	49	47	+1	NW	1	c	3	0	*	52	45	0.01
	Stornoway ...	29.74	50	NW	2	c	29.66	.00	42	42	-4	W	3	c	3	cgp	5.4	51	39	0.10
	Wick	29.67	50	NW	3	c	29.65	+.04	42	41	-8	NW	2	b	1	c	*	55	38	0.05
	Nairn	29.69	48	NNW	1	c	29.69	+.07	42	41	-5	W	1	b	1	c	*	54	34	0.35
	Aberdeen ...	29.68	48	NNW	3	bcp	29.70	+.12	48	44	-1	W	2	bw	1	bc.bcp	6.6	55	38	0.02
	Leith	29.66	55	W	2	c	29.69	+.05	49	47	+1	2	0	cm	*	c	*	62	39	0.03
	Shields	29.66	53	N	3	c	29.73	+.15	49	47	+1	SW	1	bm	2	hp.c	*	55	37	-
	Spurn Head ...	29.65	52	NNW	4	bc	29.78	+.18	53	50	-1	W	2	b	3	bc.p.b	*	56	48	0.01
	York	29.67	53	N	1	b	29.78	+.18	42	41	-7	S	1	b	*	c.b	3.7	60	37	-
	Loughborough ...	29.70	50	WSW	1	c	29.81	+.15	40	40	-9	ESE	1	bmw	*	c.p.t.bc	*	60	34	0.01
	Ardrossan ...	29.69	55	W	3	b	29.67	+.03	48	47	-3	NE	1	0mw	1	b	*	60	41	-
	Malin Head ...	29.77	52	N	4	cp	29.65	-.04	47	45	-5	S	2	bc	2	b.cp	*	53	45	0.03
	Belmullet ...	29.85	53	N	1	b	29.60	-.20	48	46	-6	?SSE	5	0	*	c.b	*	56	46	-
	Donaghadee ...	29.76	52	NNW	5	b	29.70	+.04	45	45	-4	W	4	c	2	b	*	59	40	0.01
	Liverpool (Bidston)	29.72	53	NW	2	b	29.74	+.10	48	45	-2	SSE	1	bc	2	p.b	*	56	44	0.05
	Holyhead ...	29.76	58	NNW	4	cp	29.72	+.06	50	49	-3	SE	2	c	1	cp	*	56	45	0.21
	Parsonstown ...	29.81	54	2	0	b	29.61	-.16	49	46	-1	SE	2	or	*	b	9.2	58	39	0.05
	Valencia ...	29.88	55	NW	3	bc	29.42	-.46	55	53	+1	SE	6	rgm	5	bc	9.3	57	44	0.08
	Roche's Point ..	29.87	57	NW	3	bc	29.56	-.29	57	56	+4	SSW	7	r	5	bc	*	60	45	-
	Pembroke (St. Ann's Hd.)	29.78	54	NW	4	c	29.70	-.04	56	51	+3	SW	5	0	4	bc.t.c	8.9	57	50	0.07
	Scilly	29.86	57	NNW	4	c	29.69	-.13	58	54	+2	SSE	5	0	3	b.c	9.9	59	42	0.04
	Prawle Point ..	29.80	52	W	3	bc	29.81	+.02	54	50	0	SSW	4	cu	3	bcp	*	58	47	0.03
	Jersey (St. Aubin's)	29.80	58	NW	4	bcgp	29.87	+.07	58	54	0	SW	3	cm	3	bcp	*	63	50	0.04
	Hurst Castle ...	29.73	52	NNW	3	c	29.84	+.10	55	51	0	ESE	1	bcm	1	c	*	62	43	0.01
	Dungeness ...	29.69	56	W	4	c.tlr	29.84	+.13	50	43	-7	NW	1	bcw	1	c.tlr	*	63	40	-
	North Foreland	29.68	54	NW	2	c	29.84	+.15	51	48	-1	W	2	bw	2	c.tl	*	59	44	-
	London (Brixton) ...	29.69	54	W	2	bc	29.85	+.13	45	44	-7	SSW	1	bc	*	b.cpt.bw	9.3	61	38	0.01
	Oxford	29.75	48	W	1	b	29.83	+.13	46	45	-3	SW	1	c	*	b.tlr.b	*	61	40	0.05
	Cambridge ...	29.68	54	N	1	c	29.84	+.17	42	42	-7	SW	1	bmw	*	b.gpt.c	9.1	60	37	0.05
	Yarmouth ...	29.64	53	NW	2	bc	29.81	+.17	50	47	0	W	2	bm	3	bcp	*	57	43	0.07
GERMANY & HOLLAND.	Cuxhaven ...	29.60	52	S	2	c	29.60	-.05	48	48	0	SSW	3	b	*	c	*	59	43	-
	Berlin	29.73	56	W	3	0	29.71	-.09	53	50	+2	W	3	0	*	0	*	61	50	-
	Wiesbaden ...	*	*	*	*	*	29.84	.00	51	50	-1	SW	2	c	*	*	*	57	48	0.24
	Munich	29.80	48	NE	3	0	29.90	-.01	48	46	-1	W	5	0	*	0	*	54	46	0.32
	The Helder ...	29.62	54	NNW	2	bc	29.73	+.07	57	51	+1	NNW	4	bc	3	bc	*	59	54	0.12
BELGIUM.	Brussels ...	*	*	*	*	*	29.88	+.13	48	46	-3	SW	1	b	*	0	*	60	43	0.04
	Cape Gris Nez ...	29.61	55	NNW	4	0	29.80		54	54		N	1	bc	1	0	*	61	50	-
	Paris	29.77	52	SW	2	b	29.94	+.14	45	45	-3	S	2	b	*	b	*	62	42	0.04
	Brest	29.90	57	NNW	2	c	29.86	-.01	57	54	+2	SSE	2	0	2	c	*	61	48	-
	Lorient ...																*			
FRANCE &	Rochefort ...	29.92	62	NW	5	c	29.99	+.04	56	55	-3	S	3	0	*	c	*	66	50	0.20
	Belfort	29.78	49	W	2	c	29.95	+.07	45	45	-5	WSW	3	m	*	c	*	60	45	0.32
	Lyons	29.87	51	S	1	c	30.07	+.12	51	47	-1	SW	1	bc	*	tlr.bc	*	66	46	0.20
	Nice	29.62	64	W	6	b	29.78	+.08	60	46	0	NNW	5	b	5	b	*	75	54	-
	Perpignan ...	29.92	64	NW	3	c	30.05	+.09	59	53	-2	ESE	1	b	*	c	*	72	53	-
	Biarritz ...	30.00	64	NNW	5	†	30.00	.00	57	54	0	SE	4	b	3	†	*	66	54	0.59
PENINSULA	Corunna ...																*			
	Lisbon	30.07	62	NNW	2	b	30.08	.00	65	63	+3	W	3	0	*	b	*	73	62	-
	Azores (P. Delgada)	30.17	72	NSW	3	bc	30.17	+.03	72	68	0	NSW	2	bc	3	bc	*	77	68	-

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

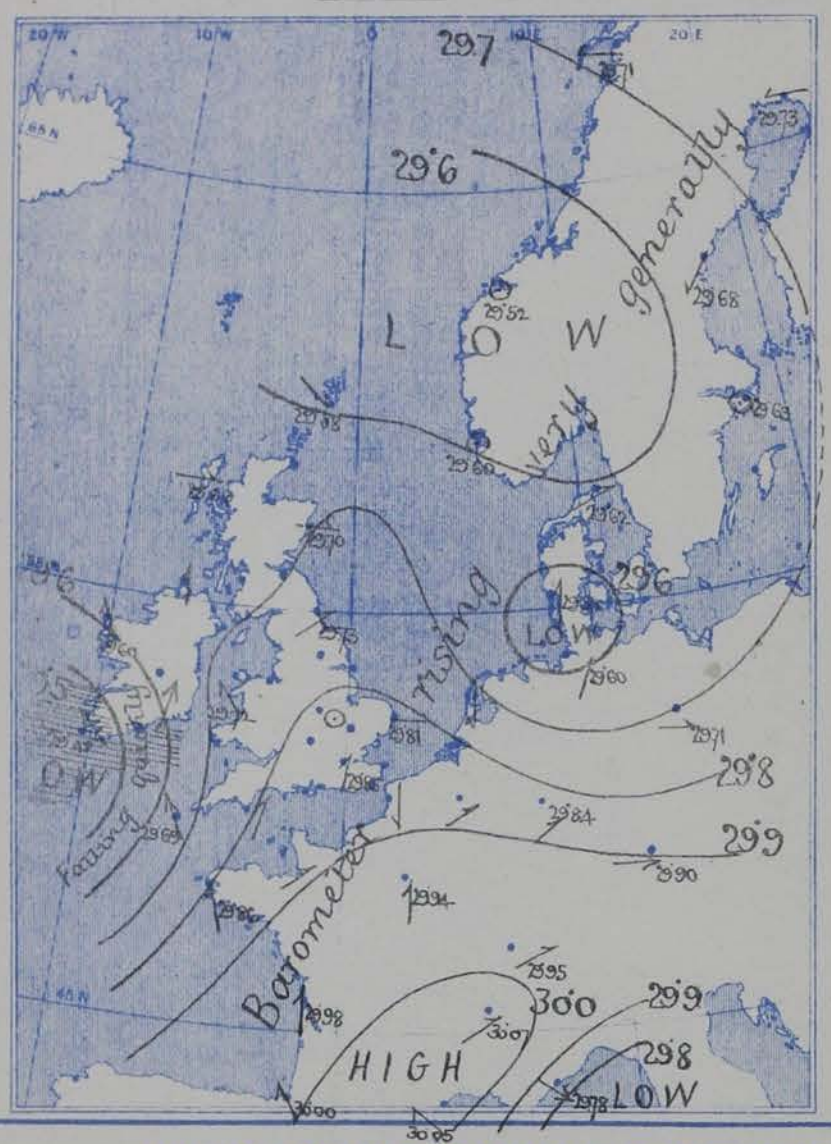
Bright Sunshine yesterday. Southport 6.2 hrs; Eastbourne 8.2 hrs; Hastings 8.1 hrs.

WEATHER CHARTS

FOR Monday, 21st September, 1896.

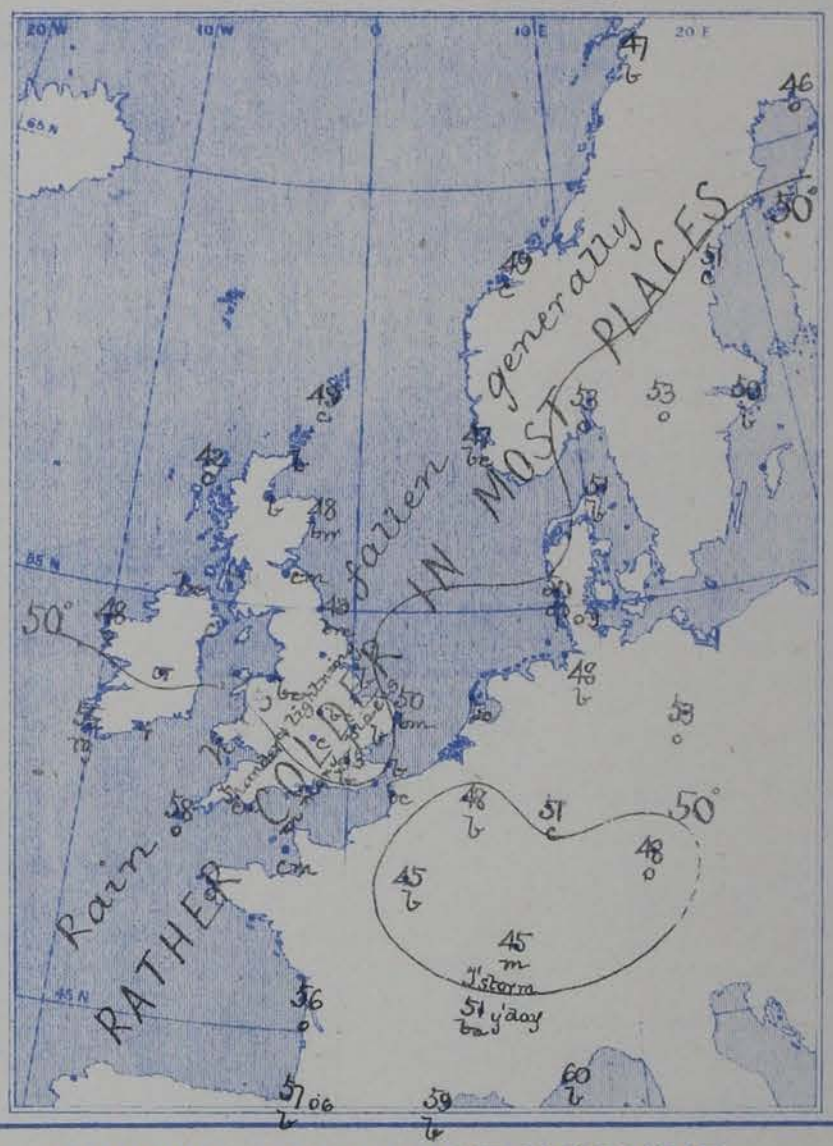
BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.
Force above 10 ; *Force 5 to 7* ; *Force 8 to 10* ; *Force 1 to 4* ; Calm ⊙
SEA—Rough ; *High*



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.
RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF SEPTEMBER.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of: Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Absolute Extremes: Maximum	Years.	Minimum.	Years.	RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95. Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29·793	50·8	49·1	55·0	46·1	68	1880	34	1887, 88	3·38	—	—
Stornoway	29·814	51·5	50·2	56·5	45·8	69	1895	32	1871, 75, 85	4·09	103·3	27
Wick	29·831	52·0	50·1	57·8	45·7	74	1884, 91	29	1885, 87	2·51	—	—
Nairn	29·843	51·5	49·1	59·5	46·2	77	1895	25	1892	2·48	—	—
Aberdeen	29·863	52·3	49·8	59·3	46·6	79	1891	30	1887	2·89	124·2	33
Leith	29·887	53·3	50·8	62·0	47·5	81	1873, 91	33	1886	2·19	—	—
Shields	29·910	53·2	51·0	60·1	48·2	79	1895	34	1885, 89, 93	2·30	—	—
Spurn Head	29·947	55·6	53·8	60·7	52·5	75*	1895	38*	1892	1·83	—	—
York	29·896	52·9	51·0	63·2	47·5	83	1895	30	1885	2·45	118·4	32
Loughborough	29·971	53·6	51·9	65·4	47·6	86*	1891, 95	30*	1885, 94	2·50	—	—
Ardrossan	29·892	53·7	51·6	59·7	49·4	78	1880	32	1885	3·38	—	—
Donaghadee	29·916	53·6	52·4	60·0	49·4	71	1893	36	1882, 94	2·74	—	—
Holyhead	29·941	55·8	53·6	60·8	52·5	78	1880	43	1873, 85	3·10	—	—
Liverpool	29·947	54·7	52·0	61·5	50·9	82	1880	39	1885	3·17	—	—
Parsonstown	29·948	52·8	50·9	61·7	47·2	79	1880	31	1877, 93	2·92	124·7	33
Valencia	29·961	56·4	54·1	61·8	51·3	78	1895	38	1872, 93	4·38	130·4	35
Roche's Point	29·963	55·6	53·4	61·7	51·0	74	1880	39	1893	3·74	—	—
Pembroke	29·962	56·2	54·0	60·3	53·1	74	1895	40	1885	3·32	146·5	39
Scilly	29·982	58·5	56·4	62·0	54·8	72	1880, 93, 95	44	1885, 88	3·28	—	—
Prawle Point	30·004	57·2	55·3	62·5	52·3	76*	1889	36*	1885	2·41	—	—
Jersey	30·003	60·2	57·2	65·8	54·9	86	1895	41	1891	2·96	183·4	49
Hurst Castle	30·002	57·3	55·7	64·6	52·3	77	1895	35	1885	2·76	—	—
Dover	29·981	57·9	55·5	63·7	53·2	77	1880	32	1885	2·53	—	—
LONDON	29·991	55·8	53·4	66·5	49·6	87	1880	30	1877	2·17	111·5†	30†
Oxford	29·985	53·9	52·0	64·3	48·8	83	1880, 95	33	1885	2·43	141·0	38
Cambridge	29·979	54·6	52·9	66·0	47·9	88	1880	31	1885	2·13	144·2	39
Yarmouth	29·959	56·4	54·4	62·3	51·3	78	1880	33	1885	2·64	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, (1) 30·0 in: and more to 29·8 in: over Spain, France, South Germany, and the southern parts of England; (2) 29·7 in: and more over Lapland and Finland.
Lowest, (1) Below 29·6 in: in a shallow depression over Norway, and in a small secondary system on the eastern side of the North Sea;
(2) Below 29·5 in: in another disturbance approaching Valencia from the southwestward.
Gradients slight except over our southwestern districts, where they are increasing quickly for S^{ly} (SE. to SW) winds.
Barometer falling fast in the southwest and west, rising over Scandinavia.

TEMPERATURE

Highest, 60° to 56° in the south and west of France, 58° at Jersey and Scilly, and 57° at Roches Point.
Lowest, (1) 42° in the north of Scotland and at York, 40° at Loughborough, 45° in London, at Paris, and Belfort.
The maxima recorded yesterday did not touch 65° at any of our stations nor at Paris; that at Nice was 75°. The past night has been decidedly cold over England – frost occurred on the grass.

WIND

Very light and variable in most places, but chiefly S^{ly} over England. On our southwestern coasts however, it has backed to S. and SE. suddenly, and is increasing quickly in force.
Last evening N^{ly} and NW^{ly} winds were general.

WEATHER

Fine and bright over the greater part of our area, cloudy and unsettled in the west, raining over the southern half of Ireland – the unsettled weather is spreading.
Showers have again been very general, thunder and lightning over the greater part of England. Halos and Parhelia were observed at Oxford and in London. Bright Sunshine recorded yesterday was – from 8 to 10 hrs at our southern and southwestern stations, and more than 6 hrs at Southport and Aberdeen.

SEA

Rather rough off the south coast of Ireland, slight to smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The new depression in the southwest is not a large system, but will probably cause squally and very rainy weather over Ireland and England, and possibly gales at some western and southern stations – thunder and lightning locally.

FORECASTS

For the 24 hours ending at NOON on 22nd SEPT 1896.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	Very Variable breezes; fine at first; unsettled and rainy later.	6 SCOTLAND WEST	Same as Nos 0 and 1.
1 SCOTLAND EAST		⚠ 7 ENGLAND N.W.	Same as No 2, perhaps a gale in places.
2 ENGLAND N.E.	SE^{ly} winds, increasing, with much rain.	⚠ 8 ENGLAND S.W.	S^{ly} to W^{ly} and NW^{ly} winds, strong to a gale; very rainy and unsettled.
3 ENGLAND EAST	Same as No 5	9 IRELAND NORTH	Same as No 2.
4 MIDLAND COUNTIES	Same as No 2	⚠ 10 IRELAND SOUTH	Same as No 8.
5 ENGLAND SOUTH	S^{ly} and SW^{ly} winds, increasing, with much rain, thunder in places.	WARNINGS	At 10 10 am to districts 8. 10. and part of 7 Hoist South Cone

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

Noon. – The warnings have been extended to all the Channel stations and England E.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29.50	57	52	S	2	c	3
Sumburgh Head							
Stornoway ...	29.73	49	49	N	4	p	4
Aberdeen ...							
Shields ...							
Ardrossan ...							
Malin Head ...	29.75	53	49	NNW	4	b	3
Belmullet ...	29.86	56	55	N	3	c	*
Holyhead ...							

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia ...							
Scilly ...							
Jersey ...	29.79	61	55	NNW	4	bc	4
Hurst Castle ...							
Dungeness ...	29.70	56	52	N	4	c	2
North Foreland	29.66	57	50	N	2	c	2
London (Westminster)							*
Yarmouth ...							
Rochefort ...	29.95	63	61	NW	5	r	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Continental Information not yet received.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD FROM THE 13TH TO THE 19TH SEPT. 1896.

The principal feature of the weather of the past week has been the continuation of showery, unsettled, weather in all parts of the Kingdom, with thunderstorms in many localities – especially over England on Sunday. There has, however, been one important alteration in the incidence of the rainfall – for while at the beginning of the week the disturbances which appeared, were found chiefly in the west and south, and the rainfall was greatest over the southwestern and southern parts of the Kingdom, the disturbances noticed later on passed northeastwards over the more northern parts of our Islands, and the rainfall became heaviest in the west and north, while it decreased in the south.

At the close of the week there was some improvement observable over our southern and southwestern districts generally, and this seemed to be spreading northwards, but there was no indication of the approach of anything like settled weather.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER. *Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning, m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

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" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Tuesday 22nd September, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	In.	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	29.82	46	E	2	o	29.75	+ .02	45	43	− 2	ENE	4	o	*	o	*	52	43	0.04
	Hernösand ...	29.69	50	L	0	o	29.64	− .04	48	48	− 3	W	2	o	*	o	*	57	37	0.55
	Stockholm ...	29.65	51	L	0	o	29.61	− .08	47	47	− 3	L	o	f	*	o	*	59	45	—
	Wisby	29.65	50	S	4	bc	29.63		53	51		NW	3	c	*	bc	*	57	43	—
	Karlstad ...	29.63	48	L	o	c	29.63	− .01	40	40	− 13	L	o	f	*	c	*	*	*	—
	Bodö	29.69	48	E	4	b	29.67	− .04	49	44	+ 2	E	4	o	2	b	*	54	43	—
	Christiansund ...	29.57	?	W	3	r	29.56	+ .04	48	47	− 1	NE	2	c	1	r	*	54	46	0.04
	Skudesnaes ...	29.63	49	L	o	c	29.58	− .02	49	46	+ 2	SE	4	c	2	c	*	54	43	*
	Færder (Christiania Fjord)	29.63	53	S	2	b	29.60	+ .01	50	49	− 3	NE	2	o	2	b	*	54	50	0.12
	Skagen (The Scaw)	29.65	50	W	1	b	29.64	+ .02	50	48	− 1	WSW	1	bc	o	b	*	59	39	0.08
	Fanö	29.69	48	WNW	2	bc	29.65	+ .10	50	49	0	SSE	4	c	*	bc	*	57	48	0.16
	Sumburgh Head	29.36	49	W	1	b	29.41	− .17	49	46	0	SE	3	bc	3	b	*	54	41	—
	Stornoway ...	29.58	52	L	o	bc	29.21	− .45	49	48	+ 1	E	3	o	3	c, bc	7.9	55	40	—
	Wick	29.57	54	NW	1	c	29.30	− .35	51	50	+ 9	SE	3	o	2	c	*	54	39	0.05
	Nairn	29.57	49	SE	1	b	29.23	− .46	48	47	+ 6	E	1	b	1	b	*	57	38	—
	Aberdeen ...	29.62	50	SSE	3	bc	29.25	− .45	52	50	+ 4	SE	6	opq,g	5	bc	9.2	55	45	0.05
BRITISH ISLANDS.	Leith	29.58	51	L	o	c	29.19	− .50	49	48	0	E	1	o	*	c	*	56	42	—
	Shields	29.60	54	SE	3	m	29.24	− .49	51	50	+ 2	SSE	2	od	2	cm, m	*	57	47	0.01
	Spurn Head ...	29.63	56	SSE	4	c	29.29	− .49	54	53	+ 1	SSE	4	o	4	b, c, p	*	60	51	0.01
	York	29.66	55	SSW	1	bc	29.27	− .51	51	51	+ 9	S	2	o	*	bc	5.3	61	40	0.03
	Loughborough ...	29.65	50	SSE	1	r	29.32	− .49	53	53	+ 13	S	2	omw	*	cr, omp	*	61	40	0.16
	Ardrossan ...	29.52	54	ENE	2	om	29.05	− .62	48	47	0	ENE	2	om	2	c, om	*	60	40	—
	Malin Head ...	29.47	52	SE	3	og	28.90	− .75	52	51	+ 5	SE	4	or	2	bc, og	*	54	47	0.19
	Belmullet ...	29.36	53	SSE	5	b	28.79	− .81	57	56	+ 9	SSW	3	o	*	r, b	*	57	46	0.60
	Donaghadee ...	29.52	52	SSW	4	o	29.04	− .66	52	52	+ 9	SE	5	r	3	o	*	57	44	0.08
	Liverpool (Bidston)	29.55	49	SSE	2	o	29.18	− .56	53	51	+ 5	SE	2	o	1	bc, or	*	58	47	0.12
	Holyhead ...	29.49	49	E	4	dmg	29.06	− .66	54	53	+ 4	S	7	rw	5	dmg	*	60	47	0.20
	Parsonstown ...	29.40	52	SE	1	r	28.93	− .68	58	56	+ 9	L	o	or	*	or, bc	0.0	58	48	0.52
	Valencia ...	29.37	59	SW	5	ogpm	29.01	− .41	57	56	+ 2	SW	7	ogm	6	cm pgm	0.7	61	53	0.81
	Roche's Point ...	29.35	56	WNW	3	bc	29.05	− .51	59	57	+ 2	W	5	c	5	r, bc, r	*	60	52	1.45
	Pembroke (St. Ann's Hd.)	29.44	53	SW	6	r	29.10	− .60	59	59	+ 3	WSW	7	r	6	r	0.0	59	53	1.03
	Scilly	29.47	60	WSW	5	cp	29.28	− .41	62	61	+ 4	SW	7	op	5	c, p	1.3	62	53	1.03
	Prawle Point ...	29.46	56	WSW	5	c	29.33	− .48	56	56	+ 2	SSW	8	r	7	r, cpq	*	57	51	0.62
	Jersey (St. Aubin's)	29.58	58	SSE	7	orm	29.56	− .31	58	57	0	SW	6	orm	6	orm	*	61	55	0.41
	Hurst Castle ...	29.50	55	SE	4	rm	29.43	− .41	58	56	+ 3	SW	5	rm	3	ow, rm	*	60	53	0.96
	Dungeness ...	29.69	53	SSW	4	r	29.46	− .38	60	58	+ 10	WSW	5	cq	5	cp, r	*	63	50	0.31
	North Foreland	29.71	56	SW	3	o	29.47	− .37	58	55	+ 7	SSW	3	o	2	c, o	*	60	49	0.26
	London (Brixton) ...	29.67	51	S	3	org.	29.44	− .41	55	54	+ 10	SW	2	o	*	bc, or, o	1.3	62	45	0.36
	Oxford	29.54	49	SE	2	o	29.37	− .46	54	53	+ 8	S	3	or	*	c, or	*	58	46	0.37
	Cambridge ...	29.69	50	SSW	2	r	29.39	− .45	54	53	+ 12	SSW	2	o	*	b, r	4.1	61	41	0.12
	Yarmouth ...	29.71	56	S	3	c	29.41	− .40	55	53	+ 5	SW	5	cq,g	4	b, c	*	58	48	0.04
GERMANY & HOLLAND.	Cuxhaven ...	29.74	54	NW	3	b	29.66	+ .06	46	46	− 2	S	4	b	*	b	*	57	43	0.04
	Berlin	29.83	51	WSW	3	b	29.82	+ .11	46	45	− 7	SSW	2	b	*	b	*	59	43	0.08
	Wiesbaden ...	*	*	*	*	*	29.76	− .08	49	48	− 2	SW	1	o	*	*	*	59	45	—
	Munich	30.05	46	SW	2	bc	29.88	− .02	44	42	− 4	E	4	o	*	bc	*	54	39	0.39
	The Helder ...	29.77	52	S	1	b	29.55	− .18	52	50	− 5	S	4	c	1	b	*	59	48	—
BELGIUM.	Brussels ...	*	*	*	*	*	29.62	− .26	52	51	+ 4	S	3	r	*	o	*	61	47	0.04
	Cape Gris Nez ...	29.69	55	SW	5	r	29.48	− .32	59	57	+ 5	WSW	5	o	5	r	*	61	50	0.35
	Paris	29.83	55	S	2	r	29.72	− .22	55	54	+ 10	SSW	2	o	*	r	*	64	45	0.43
	Brest	29.59	60	W	5	c	29.57	− .29	58	58	+ 1	SW	4	r	4	c	*	61	55	0.63
	Lorient	29.66	59	SSW	7	o	29.70		59	58		WSW	5	o	5	o	*	63	55	0.28
FRANCE &	Rochefort ...	29.87	64	SW	5	o	29.90	− .09	64	63	+ 8	W	5	o	*	o	*	70	56	0.24
	Belfort	29.95	52	W	1	c	29.81	− .14	53	51	+ 8	SSW	5	o	*	c	*	58	45	0.16
	Lyons	29.98	54	SSE	1	bc	29.94	− .13	56	53	+ 5	SW	1	r	*	bc, l	*	64	51	0.04
	Nice	29.89	63	L	o	b	29.89	+ .11	59	48	− 1	L	o	o	2	b	*	73	55	—
	Perpignan ...	29.97	62	L	o	b	29.99	− .06	59	58	0	L	o	o	*	b	*	74	52	—
	Biarritz ...	29.88	72	NNW	2	bc	29.99	− .01	66	63	+ 9	SW	4	o	4	bc	*	77	57	0.04
PENINSULA.	Corunna ...																*			
	Lisbon	30.14	68	N	3	b	30.16	+ .08	66	62	+ 1	NNE	3	b	*	b	*	77	64	—
	Azores (P. Delgada)	30.23	71	W	2	bc	30.24	+ .07	71	68	− 1	L	o	bc	2	bc	*	79	68	—

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

Bright Sunshine yesterday Southport 2.6 *hrs; Eastbourne* 4.1 *hrs; Hastings* ? *hrs.*

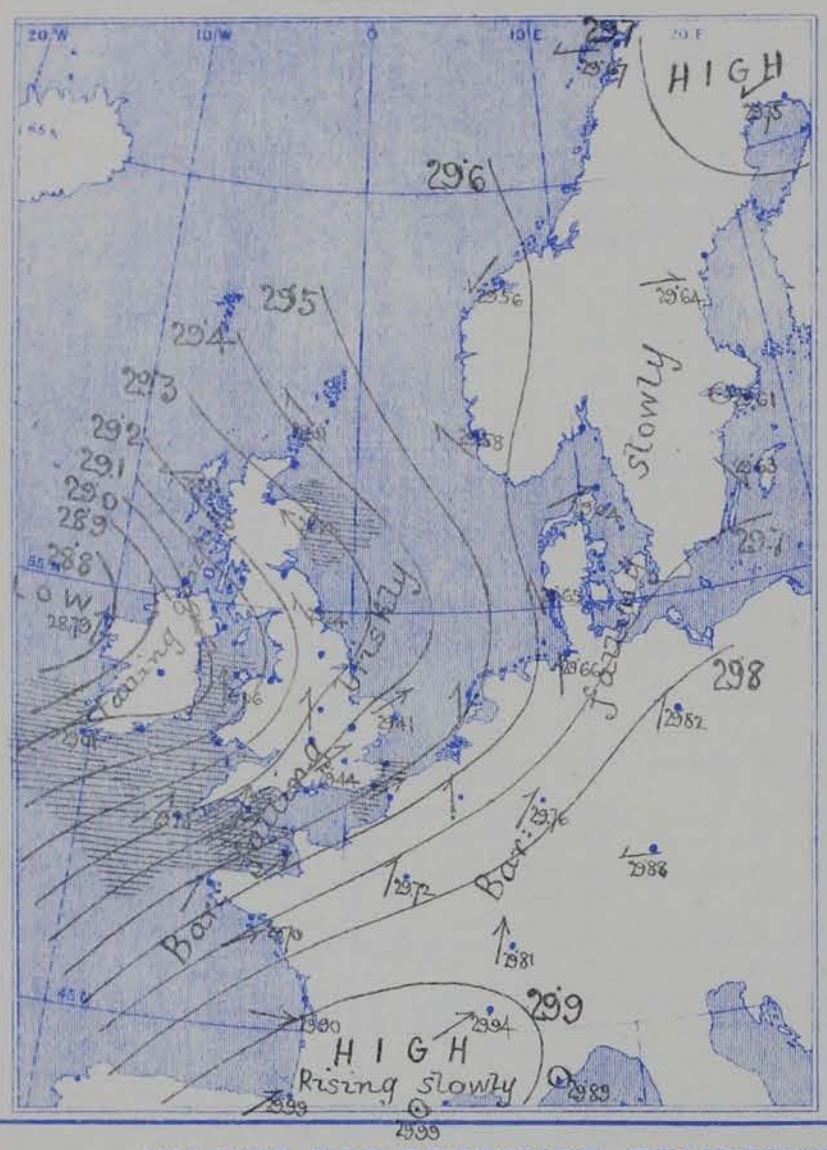
WEATHER CHARTS

FOR Tuesday, 22nd September, 1896.

BAROMETER, WIND AND SEA.

BAROMETER – *Isobars are drawn for each tenth of an inch.*
WIND – *Arrows shew Directions and Force, flying with the wind.*

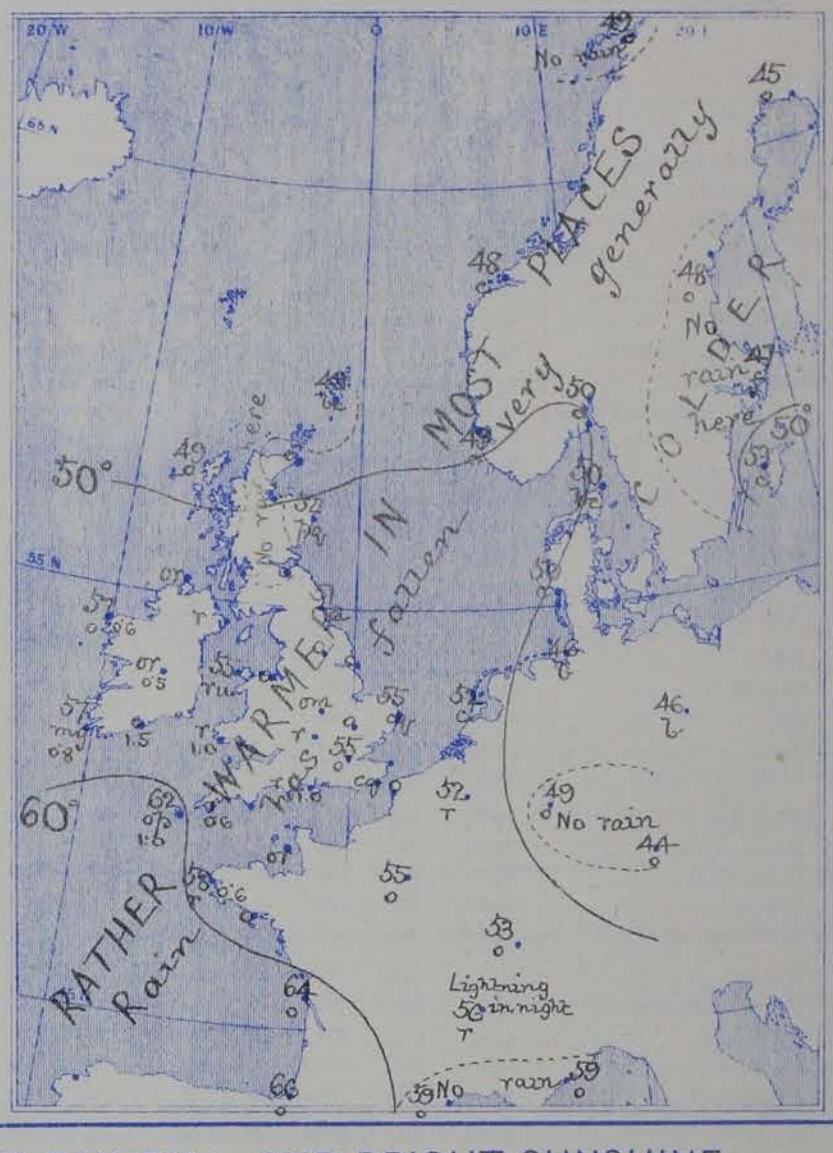
Force above 10 ⟶ ; *Force 5 to 7* ⟶ ; } Calm ⊙
Force 8 to 10 ⟶ ; *Force 1 to 4* ⟶ ; }
SEA – *Rough* : *High*



TEMPERATURE & WEATHER.

TEMPERATURE – *Isotherms are drawn for each 10°.*
WEATHER – *Shown by Letters of the Beaufort Scale.*

RAINFALL – *A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus* – 0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF SEPTEMBER.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of: Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Absolute Extremes: Maximum.	Years.	Minimum.	Years.	RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95. Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29 · 793	50 · 8	49 · 1	55 · 0	46 · 1	68	1880	34	1887, 88	3 · 38	—	—
Stornoway	29 · 814	51 · 5	50 · 2	56 · 5	45 · 8	69	1895	32	1871, 75, 85	4 · 09	103 · 3	27
Wick	29 · 831	52 · 0	50 · 1	57 · 8	45 · 7	74	1884, 91	29	1885, 87	2 · 51	—	—
Nairn	29 · 843	51 · 5	49 · 1	59 · 5	46 · 2	77	1895	25	1892	2 · 48	—	—
Aberdeen	29 · 863	52 · 3	49 · 8	59 · 3	46 · 6	79	1891	30	1887	2 · 89	124 · 2	33
Leith	29 · 887	53 · 3	50 · 8	62 · 0	47 · 5	81	1873, 91	33	1886	2 · 19	—	—
Shields	29 · 910	53 · 2	51 · 0	60 · 1	48 · 2	79	1895	34	1885, 89, 93	2 · 30	—	—
Spurn Head	29 · 947	55 · 6	53 · 8	60 · 7	52 · 5	75*	1895	38*	1892	1 · 83	—	—
York	29 · 896	52 · 9	51 · 0	63 · 2	47 · 5	83	1895	30	1885	2 · 45	118 · 4	32
Loughborough	29 · 971	53 · 6	51 · 9	65 · 4	47 · 6	86*	1891, 95	30*	1885, 94	2 · 50	—	—
Ardrossan	29 · 892	53 · 7	51 · 6	59 · 7	49 · 4	78	1880	32	1885	3 · 38	—	—
Donaghadee	29 · 916	53 · 6	52 · 4	60 · 0	49 · 4	71	1893	36	1882, 94	2 · 74	—	—
Holyhead	29 · 941	55 · 8	53 · 6	60 · 8	52 · 5	78	1880	43	1873, 85	3 · 10	—	—
Liverpool	29 · 947	54 · 7	52 · 0	61 · 5	50 · 9	82	1880	39	1885	3 · 17	—	—
Parsonstown	29 · 948	52 · 8	50 · 9	61 · 7	47 · 2	79	1880	31	1877, 93	2 · 92	124 · 7	33
Valencia	29 · 961	56 · 4	54 · 1	61 · 8	51 · 3	78	1895	38	1872, 93	4 · 38	130 · 4	35
Roche's Point	29 · 963	55 · 6	53 · 4	61 · 7	51 · 0	74	1880	39	1893	3 · 74	—	—
Pembroke	29 · 962	56 · 2	54 · 0	60 · 3	53 · 1	74	1895	40	1885	3 · 32	146 · 5	39
Scilly	29 · 982	58 · 5	56 · 4	62 · 0	54 · 8	72	1880, 93, 95	44	1885, 88	3 · 28	—	—
Prawle Point	30 · 004	57 · 2	55 · 3	62 · 5	52 · 3	76*	1889	36*	1885	2 · 41	—	—
Jersey	30 · 003	60 · 2	57 · 2	65 · 8	54 · 9	86	1895	41	1891	2 · 96	183 · 4	49
Hurst Castle	30 · 002	57 · 3	55 · 7	64 · 6	52 · 3	77	1895	35	1885	2 · 76	—	—
Dover	29 · 981	57 · 9	55 · 5	63 · 7	53 · 2	77	1880	32	1885	2 · 53	—	—
LONDON	29 · 991	55 · 8	53 · 4	66 · 5	49 · 6	87	1880	30	1877	2 · 17	111 · 5†	30†
Oxford	29 · 985	53 · 9	52 · 0	64 · 3	48 · 8	83	1880, 95	33	1885	2 · 43	141 · 0	38
Cambridge	29 · 979	54 · 6	52 · 9	66 · 0	47 · 9	88	1880	31	1885	2 · 13	144 · 2	39
Yarmouth	29 · 959	56 · 4	54 · 4	62 · 3	51 · 3	78	1880	33	1885	2 · 64	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE — Highest 30.1 ins. and upwards in an anticyclone lying over the southern parts of the Spanish Peninsula. Lowest 28.8 ins. and less in the central portion of a large and complex depression lying off the W. of Ireland. Gradients rather steep over the southern parts of our Islands and the north of France, as well as over the west of Scotland, but moderate or slight elsewhere. Barometer falling at all but the southern French stations, – quickly on our western coasts.

TEMPERATURE — Highest 66° at Biarritz and Lisbon, 64° at Rochefort, 62° at Scilly, and 60° at Dungeness. Lowest 40° at Karlstad, 44° at Munich, 45° at Haparanda, 46° at Cuxhaven, Berlin, and 47° at Stockholm. The maxima registered yesterday were very little above 60° in any part of the United Kingdom; on our extreme north and northwest coasts the thermometer did not exceed 55°.

WIND — Strong to a gale from the SW^rly on our southwest coasts; moderate to fresh from the same quarter over France and the southeast of England. Moderate from the S^rly over the Netherlands and N. Germany; SE^ly over the North Sea, and the N^rn parts of our Islands, and strong in force at Aberdeen. E^ly over the N^rn parts of Scandinavia; calm in the south of Sweden.

WEATHER — Dull and unsettled over W^rn Europe generally, with rain at many of the English and Irish stations, as well as at Brussels and Lyons. Fog prevailed in the south of Sweden. Fine and bright over N. Germany, and also at Spurnburgh Head and Nairn. Rain fell yesterday in most parts of our area, the largest amounts being 1.5 in. at Roche's Point, and 1.0 inch at Pembroke, Scilly and Hurst Castle. Lunar halos were seen yesterday at Stornoway and Roche's Pt, lightning occurred at Lyons in the night.

SEA — High at Prawle Pt, and rough or rather so on our W. and SW. coasts generally, as well as at Aberdeen.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The deep depression in the west appears to be still spreading eastwards. Unsettled rainy weather is therefore probable in most districts, with gales from the SE^rly in the north, and from the SW^rly in the south.

FORECASTS

For the 24 hours ending at NOON on 23rd SEPTR 1896.

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	SE^ly winds, increasing to a gale; dull, unsettled, some rain.
1 SCOTLAND EAST	
2 ENGLAND N.E.	S^ly winds, moderate; unsettled rain at times
3 ENGLAND EAST	Same as No. 5.
4 MIDLAND COUNTIES	Same as No. 2.
5 ENGLAND SOUTH	SW^ly winds, strong to a gale on coasts, squally, rain at times.
6 SCOTLAND WEST	SE^ly winds, freshening; dull, rainy.
7 ENGLAND N.W.	S^ly winds, strong; unsettled, rain at times.
8 ENGLAND S.W.	SW^ly and W^ly winds, strong to a gale; squally, showery.
9 IRELAND NORTH	Same as No. 7.
10 IRELAND SOUTH	Same as No. 8.
WARNINGS	At 10.10 am today to districts 0 and 1. Hoist South Cone. The Signals are still flying in districts 3, 5, 8, 10 and part of 7.

Note.—The **South Cone**, *point downwards* ( ), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* ( ), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29.62	54	50	WNW	4	c	2
Sumburgh Head	29.59	51	48	W	1	b	2
Stornoway	29.62	55	51	SSW	4	c	3
Aberdeen	29.69	52	46	S	3	bc	1
Shields	29.66	57	51	SW	2	cm	2
Ardrossan	29.59	56	53	Z	0	c	0
Malin Head ...	29.54	54	50	S	4	bc	2
Belmullet	29.48	51	49	ESE	4	r	*
Holyhead	29.62	53	50	S	5	dmq	3
Valencia	29.36	60	57	WSW	3	cm	4
Scilly	29.45	60	59	SSW	4	c	4
Jersey	29.76	58	55	SSE	5	og	4
Hurst Castle ...	29.73	57	58	SSW	4	ow	3
Dungeness ...	29.78	55	54	S	3	cp	3
North Foreland	29.79	59	52	S	3	c	3
London (Westminster)	29.75	60	52	SSW	3	c	*
Yarmouth ...	29.76	58	51	S	4	b	3
Rochefort ...	29.95	67	63	NW	4	o	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning fair or fine over the greater part of W^n and N^n Europe, but dull and rainy over the south of Ireland. Dull also in most of the E^n, central and S^n countries, with rain over Poland and the Baltic Provinces, as well as at Vienna and Brindisi. Rain falling later over nearly the whole of W^n Europe, heavily at many of our own W^n and S^n stations. Lunar halos seen at Stornoway and Roche's Pt, and lightning at Lyons.

Temperature fallen a little in most places. Morning readings highest 81° at Sfax, 79° at Brindisi, 77° at Palermo, and 76° at Patras; above 65° at the Mediterranean and Adriatic stations generally. Lowest (1) 40° at Loughborough, and 42° at Stornoway, Wick, Nairn, York and Cambridge (2) 42° at Archangel, and 43° at St. Petersburg. Rising later to 60° or a little above it at most of our central and southern stations; exceeding 70° over the Spanish Peninsula and S. of France, and reaching 77° at Biarritz and Lisbon.

Wind strong from the SE^wd on our extreme southwest coasts; light or moderate from the S^wd over the greater part of England and France. Light from the W^wd in the N. of Scotland; calm in the W. of Norway; SW^ly over Germany, S^ly or SE^ly in Finland, E^ly in the N. of Scandinavia. SW^ly over Italy and Austria, variable over the Spanish Peninsula. Subsequently shifting to the SW^wd or W^wd on our own SW. coasts; no important change occurring elsewhere.

Barometer highest 30.0 ins. and upwards over Algeria, Spain and the S. of France, and also in the S. of Russia. Lowest 29.5 ins. and less in a depression lying off the SW. of Ireland, and also in another disturbance over Poland; 29.6 ins. and less in a shallow system over Holstein. Depression off our SW. coasts subsequently spreading NE^wds, and barometer falling over W^n Europe generally.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

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DAILY WEATHER REPORT

for 8 a.m. on Wednesday, 23rd September, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	29.52	43	NE	4	r	29.46	-.29	38	37	-7	NW	4	r	*	r	*	54	?	0.04
	Hernösand ...	29.62	48	N	0	0	29.63	-.01	46	44	-2	N	0	0	*	0	*	54	46	0.12
	Stockholm ...	29.64	46	N	0	c	29.56	-.05	51	49	+4	SE	2	c	*	c	*	55	45	0.04
	Wisby	29.69	48	S	4	b	29.52	-.11	53	51	0	SE	4	r	*	b	*	55	45	-
	Karlstad ...	29.60	48	SSW	1	b	29.41	-.22	47	45	+7	ESE	4	0	*	b.r	*	*	*	0.12
	Bodö	29.65	48	E	2	b	29.58	-.09	45	41	-4	ENE	2	b	1	b	*	54	41	-
	Christiansund ...	29.48	51	NE	2	bc	29.32	-.24	47	44	-1	ESE	3	b	2	bc	*	54	46	-
	Skudesnaes ...	29.32	52	SE	6	0	29.04	-.54	55	49	+6	E	8	r	5	0	*	56	43	*
	Færder (Christiania Fjord)	29.54	53	SSE	2	0	29.27	-.33	51	51	+1	ENE	4	r	2	0	*	54	50	0.59
	Skagen (The Scaw)	29.44	55	SW	6	c	29.09	-.55	53	50	+3	ESE	8	r	3	c	*	55	46	0.43
	Fanö	29.21	52	SE	6	r	28.96	-.69	57	56	+7	SSW	6	c	*	r	*	59	50	0.79
BRITISH ISLANDS.	Sumburgh Head	29.18	50	E	4	0	29.15	-.26	48	48	-1	NE	4	r	6	0	*	52	43	0.68
	Stornoway ...	29.00	51	ENE	4	r	29.31	+.10	48	48	-1	N	4	r	4	0.r	0.0	54	46	0.50
	Wick	28.99	51	SE	7	r	29.15	-.15	49	49	-2	NE	6	r	5	r	*	55	49	0.70
	Nairn	28.90	53	ESE	3	r	29.16	-.07	51	50	+3	NNW	3	r	3	r	*	53	46	0.19
	Aberdeen ...	28.88	53	E	6	ogqr	28.97	-.28	51	50	-1	NNW	7	ogqr	7	ogqr	0.0	53	51	0.77
	Leith	28.78	52	E	3	r	29.09	-.10	55	53	+6	W	3	c	*	or	*	55	47	0.23
	Shields	28.75	51	S	2	r	29.03	-.21	56	52	+5	W	5	c	2	r	*	57	50	0.33
	Spurn Head ...	28.85	59	SW	6	oqu	29.07	-.22	56	54	+2	W	6	o	4	oqp	*	61	54	0.14
	York	28.84	58	S	3	o	29.09	-.18	55	53	+4	W	4	r	*	o	0.0	60	50	0.31
	Loughborough ...	28.95	58	SW	6	o	29.27	-.05	54	51	+1	W	6	cq	*	r.cqu.oq	*	64	53	0.10
	Ardrossan ...	28.76	54	NE	3	om	29.19	+.14	52	52	+4	NW	5	r	4	r.om	*	58	44	0.55
	Malin Head ...	28.81	52	N	5	or	29.38	+.48	52	49	0	N	7	bc	6	bc.or	*	59	49	0.48
	Belmullet ...	29.04	54	N	7	0	29.63	+.84	53	51	-3	NNW	1	c	*	ou.o	*	58	51	0.10
	Donaghadee ...	28.75	58	W	3	c	29.34	+.30	52	50	-2	W	6	c	4	c	*	59	51	0.48
	Liverpool (Blaston)	28.81	55	WSW	5	r	29.26	+.08	54	50	+1	W	9	o	7	p.r	*	62	52	0.24
	Holyhead ...	28.83	56	W	8	qqrm	29.41	+.35	53	50	-1	WNW	9	cqp	7	oqp	*	59	50	0.35
	Parsonstown ...	28.95	55	W	3	r	29.60	+.67	50	46	-8	W	3	b	*	or.q	0.0	59	47	0.40
	Valencia ...	29.28	59	W	8	oqp	29.79	+.78	56	50	-1	WNW	5	cq	6	mq.qp	0.7	59	51	0.05
	Roche's Point ..	29.14	59	WNW	6	bc	29.72	+.67	52	50	-7	NW	4	bc	4	bcq	*	62	51	0.05
	Pembroke (St. Ann's Hd.)	29.02	58	W	8	o	29.59	+.49	59	50	0	NW	7	bcq	6	o	1.7	60	52	-
	Scilly	29.36	60	WSW	9	c	29.74	+.46	57	54	-5	WNW	7	bc	5	c	4.2	63	50	0.08
	Prawle Point ..	29.29	57	WSW	9	o	29.66	+.33	55	52	-1	W	7	bcqp	6	r.qp	*	60	53	0.19
	Jersey (St. Aubin's)	29.44	62	WSW	7	cqp	29.72	+.16	60	55	+2	W	7	cqm	6	cqp	*	65	57	0.23
	Hurst Castle ...	29.22	60	WSW	7	cpm	29.54	+.11	57	53	-1	W	6	cm	4	cm.qp	*	63	56	0.22
	Dungeness ...	29.17	61	WSW	8	cq	29.37	-.09	58	55	-2	WSW	8	bc	7	r.cq	*	62	57	0.20
	North Foreland	29.15	61	SW	5	bc	29.36	-.11	57	51	-1	W	5	o	5	r.bc	*	62	53	0.08
	London (Brixton) ...	29.14	59	W	5	bc	29.41	-.03	57	51	+2	W	6	cq	*	orlbcoq	1.7	66	54	0.23
	Oxford	29.09	57	SW	7	o	29.41	+.04	55	51	+1	W	6	oq	*	o.c.rq	*	66	53	0.32
	Cambridge ...	29.04	59	SW	5	o	29.30	-.09	56	52	+2	WSW	6	o	*	oqp	1.2	64	53	0.12
	Yarmouth ...	29.11	60	SW	6	cqp	29.18	-.23	55	52	0	W	7	oq	4	r.qp	*	60	53	0.12
GERMANY & HOLLAND.	Cuxhaven ..	29.40	56	S	4	o	29.06	-.60	55	55	+9	SSW	7	r	*	o	*	59	45	0.32
	Berlin	29.65	54	SE	4	o	29.39	-.43	57	55	+11	SW	4	bc	*	o	*	61	46	0.20
	Wiesbaden ..	*	*	*	*	*	29.58	-.18	56	53	+7	SW	5	o	*	*	*	59	49	0.04
	Munich... ..	29.84	61	NE	3	c	29.79	-.09	59	53	+15	W	6	b	*	c	*	59	43	0.12
	The Helder ..	29.12	57	S	6	r	29.04	-.51	58	56	+6	W	8	r	4	r	*	59	52	0.43
BELGIUM.	Brussels ..	*	*	*	*	*									*		*			
	Cape Gris Nez...	29.20	60	W	8	o	29.35	-.13	58	57	-1	NW	8	o	8	o	*	63	57	0.43
	Paris	29.51	62	SSW	4	r	29.65	-.07	56	53	+1	SW	5	bc	*	r	*	62	54	0.24
	Brest	29.58	60	W	6	c	29.80	+.23	57	56	-1	W	4	c	6	c	*	63	52	0.08
	Lorient... ...	29.64	62	W	7	m	29.90	+.20	58	58	-1	NW	8	m	6	m	*	?	?	0.24
FRANCE &	Rochefort ...	29.85	65	W	7	r	29.98	+.08	62	60	-2	W	5	o	*	o.r	*	66	59	0.08
	Belfort	29.76	55	WSW	3	r	29.82	+.01	54	50	+1	WSW	7	o	*	r	*	63	46	0.20
	Lyons	29.88	62	S	2	o	29.97	+.03	57	54	+1	N	1	bc	*	o	*	68	56	0.04
	Nice	29.64	65	N	0	bc	29.89	.00	60	55	+1	E	1	b	1	bc	*	77	55	-
	Perpignan ...	29.97	66	SE	1	bc	30.04	+.05	59	56	0	SW	1	b	*	bc	*	81	54	-
	Biarritz ...	29.98	70	W	2	b	29.99	.00	64	63	-2	NW	4	r	6	b	*	72	63	0.16
PENINSULA.	Corunna ...																*			
	Lisbon	30.15	64	N	5	b	30.17	+.01	67	60	+1	NNE	4	b	*	b	*	75	61	-
	Azores (P. Delgada)	30.28	70	NW	3	b	30.28	+.04	69	67	-2	N	0	bc	1	b	*	79	66	-

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

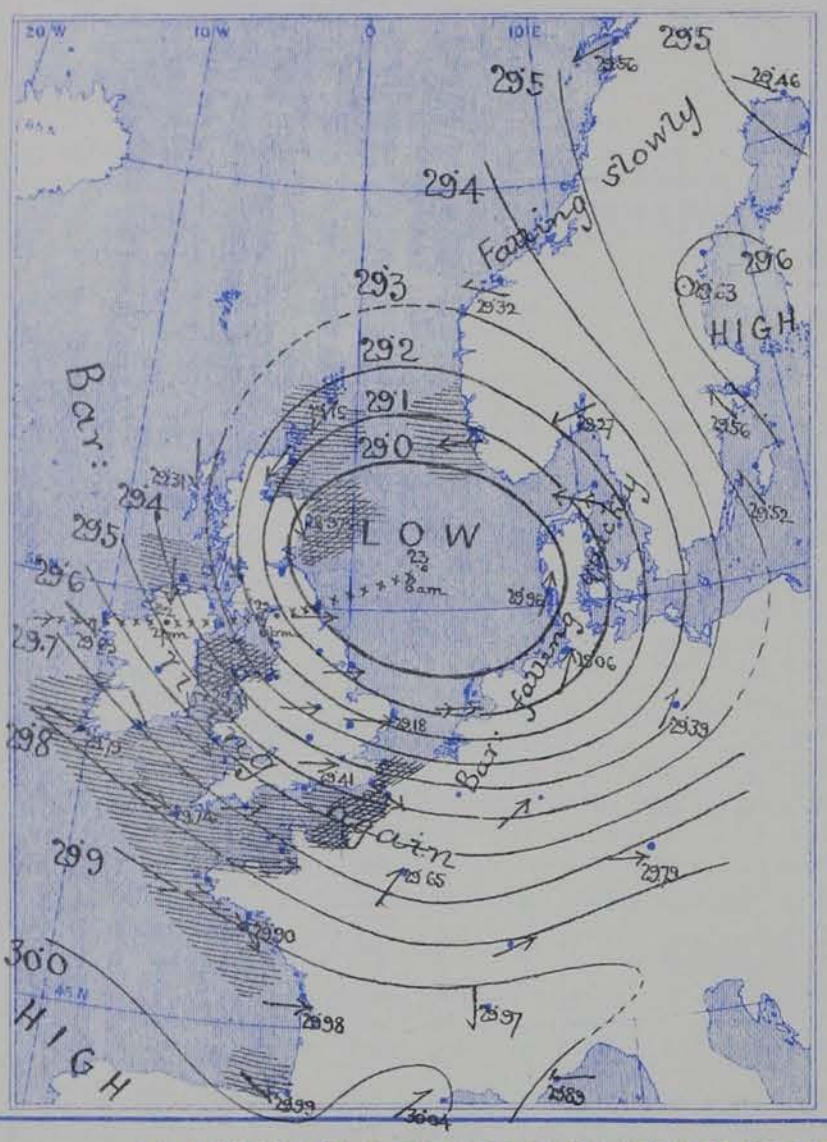
Bright Sunshine yesterday Southport 0.2 hrs; Eastbourne 0.6 hrs; Hastings 0.1 hr.

WEATHER CHARTS

FOR Wednesday 23rd September, 1896.

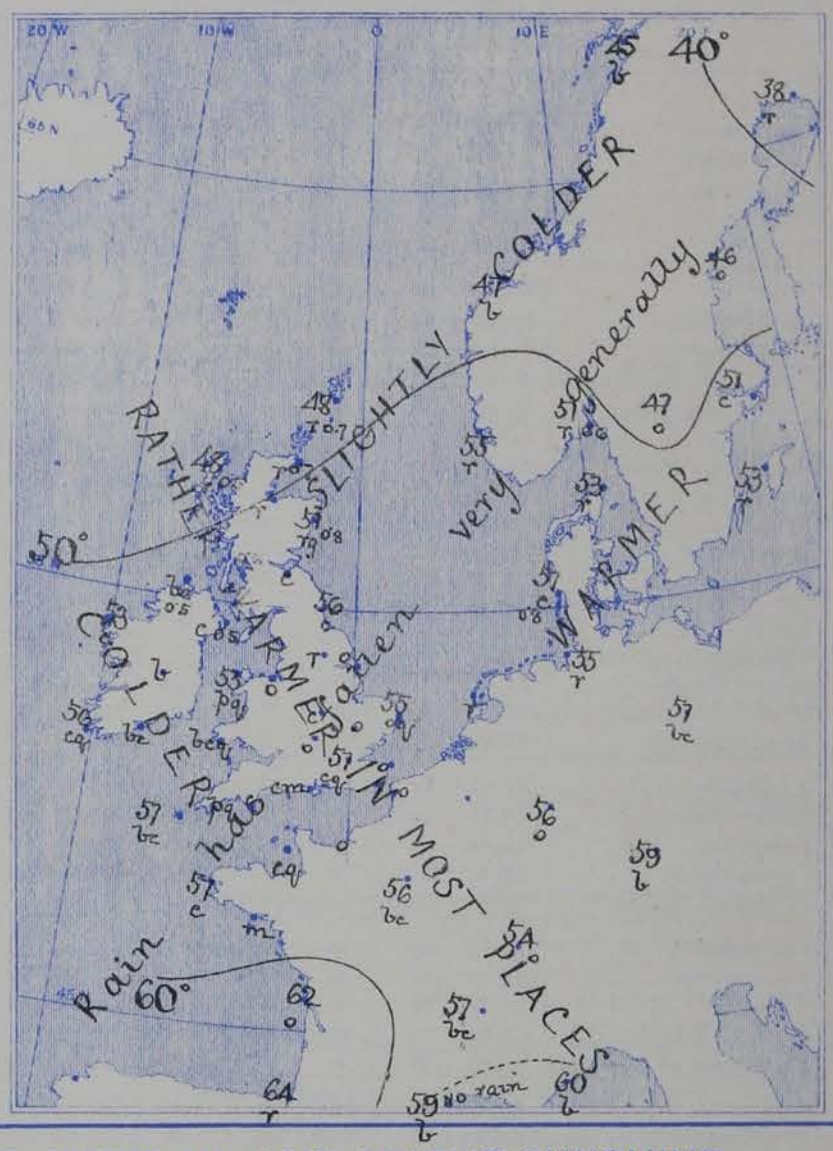
BAROMETER, WIND AND SEA.

BAROMETER Isobars are drawn for each tenth of an inch.
WIND Arrows shew Directions and Force, flying with the wind.
Force above 10 ; Force 5 to 7 ; Force 8 to 10 ; Force 1 to 4 ; Calm ⊙
SEA Rough : High



TEMPERATURE & WEATHER.

TEMPERATURE Isotherms are drawn for each 10°.
WEATHER Shown by Letters of the Beaufort Scale.
RAINFALL A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus 0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF SEPTEMBER.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of: Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Absolute Extremes: Maximum.	Years.	Minimum.	Years.	RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95. Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29 · 793	50 · 8	49 · 1	55 · 0	46 · 1	68	1880	34	1887, 88	3 · 38	—	—
Stornoway	29 · 814	51 · 5	50 · 2	56 · 5	45 · 8	69	1895	32	1871, 75, 85	4 · 09	103 · 3	27
Wick	29 · 831	52 · 0	50 · 1	57 · 8	45 · 7	74	1884, 91	29	1885, 87	2 · 51	—	—
Nairn	29 · 843	51 · 5	49 · 1	59 · 5	46 · 2	77	1895	25	1892	2 · 48	—	—
Aberdeen	29 · 863	52 · 3	49 · 8	59 · 3	46 · 6	79	1891	30	1887	2 · 89	124 · 2	33
Leith	29 · 887	53 · 3	50 · 8	62 · 0	47 · 5	81	1873, 91	33	1886	2 · 19	—	—
Shields	29 · 910	53 · 2	51 · 0	60 · 1	48 · 2	79	1895	34	1885, 89, 93	2 · 30	—	—
Spurn Head	29 · 947	55 · 6	53 · 8	60 · 7	52 · 5	75*	1895	38*	1892	1 · 83	—	—
York	29 · 896	52 · 9	51 · 0	63 · 2	47 · 5	83	1895	30	1885	2 · 45	118 · 4	32
Loughborough	29 · 971	53 · 6	51 · 9	65 · 4	47 · 6	86*	1891, 95	30*	1885, 94	2 · 50	—	—
Ardrossan	29 · 892	53 · 7	51 · 6	59 · 7	49 · 4	78	1880	32	1885	3 · 38	—	—
Donaghadee	29 · 916	53 · 6	52 · 4	60 · 0	49 · 4	71	1893	36	1882, 94	2 · 74	—	—
Holyhead	29 · 941	55 · 8	53 · 6	60 · 8	52 · 5	78	1880	43	1873, 85	3 · 10	—	—
Liverpool	29 · 947	54 · 7	52 · 0	61 · 5	50 · 9	82	1880	39	1885	3 · 17	—	—
Parsonstown	29 · 948	52 · 8	50 · 9	61 · 7	47 · 2	79	1880	31	1877, 93	2 · 92	124 · 7	33
Valencia	29 · 961	56 · 4	54 · 1	61 · 8	51 · 3	78	1895	38	1872, 93	4 · 38	130 · 4	35
Roche's Point	29 · 963	55 · 6	53 · 4	61 · 7	51 · 0	74	1880	39	1893	3 · 74	—	—
Pembroke	29 · 962	56 · 2	54 · 0	60 · 3	53 · 1	74	1895	40	1885	3 · 32	146 · 5	39
Scilly	29 · 982	58 · 5	56 · 4	62 · 0	54 · 8	72	1880, 93, 95	44	1885, 88	3 · 28	—	—
Prawle Point	30 · 004	57 · 2	55 · 3	62 · 5	52 · 3	76*	1889	36*	1885	2 · 41	—	—
Jersey	30 · 003	60 · 2	57 · 2	65 · 8	54 · 9	86	1895	41	1891	2 · 96	183 · 4	49
Hurst Castle	30 · 002	57 · 3	55 · 7	64 · 6	52 · 3	77	1895	35	1885	2 · 76	—	—
Dover	29 · 981	57 · 9	55 · 5	63 · 7	53 · 2	77	1880	32	1885	2 · 53	—	—
LONDON	29 · 991	55 · 8	53 · 4	66 · 5	49 · 6	87	1880	30	1877	2 · 17	111 · 5†	30†
Oxford	29 · 985	53 · 9	52 · 0	64 · 3	48 · 8	83	1880, 95	33	1885	2 · 43	141 · 0	38
Cambridge	29 · 979	54 · 6	52 · 9	66 · 0	47 · 9	88	1880	31	1885	2 · 13	144 · 2	39
Yarmouth	29 · 959	56 · 4	54 · 4	62 · 3	51 · 3	78	1880	33	1885	2 · 64	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 300 ins: and upwards, over the Spanish Peninsula.
Lowest, 22·0 ins: and less, in a large and deep depression having its centre over the central part of the North Sea
Gradients steep over Northwestern Europe generally.
Barometer rising over our Islands and France, but falling elsewhere – quickly over Denmark.

TEMPERATURE

Highest, 64° at Biarritz, 62° at Rochefort, 60° at Jersey and Nice, and 59° at Munich, Lyons and Perpignan.
Lowest, 38° at Haparanda, 45° at Bodö, 46° at Hernösand, 47° at Christiansund and Karlstad, and 48° at Lerwick Hd. and Stornoway.
During yesterday the thermometer rose to 60° and upwards at most of our central and southern stations, and to 66° in London and at Oxford.

WIND

Strong to a gale over Northwestern Europe generally, – from the N.W. in Scotland, from the W. over England, the Netherlands, and the north of France, from the S.W. in North Germany, and from the E. in the north of Denmark and South of Norway.
Calm or NW. over the northern parts of Sweden; light and variable in the south of France.

WEATHER

Dull and rainy in Scotland as well as in the north of Denmark and the south of Scandinavia.
Showery in most other parts of our area, but fine and bright in the west of Norway, and also in the southern part of France and Germany.
Rain fell yesterday over Western Europe generally – heavily at some of the northern stations. Lightning was seen in London yesterday afternoon.

SEA

Very high at Cape Gris Nez, and high or rough in nearly all other places.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression over the North Sea will probably continue to move slowly eastwards, but the intensity of the system is likely to diminish gradually. Fresh disturbances will in all probability appear shortly off our western coasts.

FORECASTS

For the 24 hours ending at NOON on 24th SEPT: 1896.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
↑ 0 SCOTLAND NORTH ↑ 1 SCOTLAND EAST	N. winds, strong to a gale at first, but moderating later, squally and rainy to fair.	↑ 6 SCOTLAND WEST ↑ 7 ENGLAND N.W. 8 ENGLAND S.W.	NW. winds, strong to a gale at first, moderating and backing later, squally, some showers.
↑ 2 ENGLAND N.E. ↑ 3 ENGLAND EAST 4 MIDLAND COUNTIES	Same as No. 5.	↑ 9 IRELAND NORTH 10 IRELAND SOUTH	W. to SW. and S. winds; fair at first, some rain later.
↑ 5 ENGLAND SOUTH	W. winds, moderating gradually; squally, some showers.	WARNINGS	At 3·50 pm yesterday to districts 2, 7, and 9 "Hoist South Cone". The signals are flying in all districts excepting 8 and 10.

Note.—The **South Cone**, *point downwards* (↑), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W. Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E. Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29·52	54	49	SSE	2	o	3
Sumburgh Head	29·27	50	49	SE	3	o	4
Stornoway	29·07	53	50	ESE	4	o	4
Aberdeen	29·03	52	51	ESE	7	oqpr	7
Shields	28·91	54	53	SE	4	r	2
Ardrossan	28·83	56	53	NE	3	r	2
Malin Head ...	28·76	56	55	SE	2	bc	1
Belmullet	28·76	55	54	WNW	7	ou	*
Holyhead	28·85	58	57	SW	7	oqpgm	5

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	29·13	58	55	WSW	8	oqm	7
Scilly	29·32	61	56	W	8	cqr	6
Jersey	29·41	65	62	WSW	8	cqp	6
Hurst Castle ...	29·21	63	60	SW	8	cm	5
Dungeness ...	29·23	60	60	SSW	7	r	6
North Foreland	29·23	59	58	S	6	r	5
London (Westminster)	29·15	65	61	SW	5	bcq	*
Yarmouth ...	29·16	58	57	SSW	7	qqr	5
Rochefort ...	29·85	66	65	W	6	o	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning dull and unsettled over the greater part of Europe, with rain in the west and south of our Islands, as well as in Finland and in isolated parts of France, Belgium and Austria; fog reported in the south of Sweden. Fine in some parts of Denmark and North Germany, as well as over the Spanish Peninsula and the south of Italy. Rain falling later over nearly the whole of Western Europe,—heavily in Scotland, Denmark, and the south of Norway; lightning seen in London in afternoon.

Temperature rose in most of the western countries, but fallen elsewhere.—Morning readings highest 79° at Sfax, 76° at Palma, 75° at Malta, and 73° at Algiers; above 65° at the Mediterranean and Spanish coast stations generally. Lowest 37° at Archangel, 40° at Kirkstad, 43° at Riga, and 44° at Memel; below 50° at most of the Scotch stations. Rising during day to 60° and upwards, at most of our more central and southern stations, and reaching 66° in London and at Oxford. Exceeding 70° over the south of France, and touching 81° at Perpignan.

Wind strong to a gale from the SW.ly in the southwestern parts of the United Kingdom, moderate to fresh from the same quarter or from S. over France, the Netherlands, and the eastern part of England; Moderate to fresh from the SE.ly or E.ly over Norway, and the northern part of the United Kingdom. Cyclonic circulation of light winds reported over Sweden and northern Russia, W'ly breezes over Austria and Italy, variable or NE'ly airs over the Spanish Peninsula. Subsequently increasing to a gale over the whole of our Islands and the neighbouring parts of the Continent,—from the SW.ly or W.ly in the south, but from the SE.ly or E.ly in the north.

Barometer highest, 30·1 in. and upwards in an anticyclone over Portugal and the neighbouring parts of the Atlantic; 29·9 in. and upwards in the extreme north of Russia. Lowest 28·8 in. and less, in a deep depression lying off the west of Ireland; 29·4 in. and less, in a much smaller and shallower system near St. Petersburg. Irish depression subsequently moving eastwards; barometer falling briskly over Great Britain, but rising again in Ireland.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

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" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Thursday, 24th September, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M.S.L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA	Haparanda ...	29.60	38	SW	2	b	29.62	+.16	39	38	+1	Z	0	0	*	b	*	55	36	-
	Hernosand ...	29.54	50	E	4	0	29.80	-.24	50	49	+4	E	6	0	*	0	*	50	43	0.55
	Stockholm ...	29.30	53	ESE	6	†	29.20	-.36	55	54	+4	SE	4	0	*	†	*	57	46	0.51
	Wisby	29.29	54	S	4	0	29.25	-.27	55	54	+2	S	4	0	*	0	*	55	43	0.32
	Karlstad ...	29.21	51	ENE	4	0	29.15	-.26	56	54	+12	ENE	2	0	*	0,†	*	*	*	0.16
	Bodö	29.51	44	ENE	4	b	29.49	-.09	42	37	-3	ENE	4	b	1	b	*	52	39	-
	Christiansund ...	29.26	50	ESE	3	c	29.24	-.08	52	50	+5	SE	2	0	2	c	*	55	46	-
	Skudesnaes ...	29.10	51	NNE	4	0	29.25	+.21	53	51	-2	NNW	1	0	3	†.0	*	53	50	*
	Faerder (Christiania Fjord)	29.15	55	NNE	3	0	29.13	-.12	53	52	+2	N	4	0	2	0	*	55	51	0.63
	Skagen (The Skaw)	29.08	56	SE	3	c	29.06	-.03	55	55	+2	E	2	0	2	c	*	59	50	0.28
	Fano	28.99	56	WSW	6	†	29.03	+.07	55	55	-2	NW	4	c	*	†	*	61	55	0.35
BRITISH ISLANDS.	Sumburgh Head	29.32	49	N	3	c	29.42	+.27	47	44	-1	NW	1	b	4	†.c	*	50	45	0.21
	Stornoway ...	29.54	50	NNW	3	c	29.48	+.17	47	47	-1	NNW	3	0	3	bcp.c	4.5	54	39	0.10
	Wick	29.41	49	NW	6	c	29.49	+.34	47	45	-2	W	2	b	3	c	*	54	38	0.20
	Nairn	29.49	50	NNW	2	c	29.51	+.35	48	47	-3	N	1	c	1	c	*	51	39	0.23
	Aberdeen ...	29.39	48	NW	1	cqp	29.55	+.58	50	45	-1	SW	3	bw	2	†q.cqp	0.0	52	41	0.53
	Leith	29.46	52	NW	3	c	29.62	+.53	50	49	-5	SW	2	om	*	c	*	50	43	-
	Shields	29.39	54	NW	5	0	29.67	+.64	51	48	-5	SW	2	b	3	0	*	60	42	-
	Spurn Head ...	29.36	55	NNW	1	oq	29.71	+.64	52	50	-4	WNW	6	bq	5	cq	*	57	48	-
	York	29.44	55	W	5	c	29.74	+.65	48	46	-1	W	1	b	*	0.c	0.1	59	43	0.01
	Loughborough ...	29.58	51	WNW	6	c	29.82	+.55	49	46	-5	WSW	3	b	*	cqp.bc	*	57	44	0.01
	Ardrossan ...	29.55	56	WNW	6	bq	29.64	+.45	52	52	0	W	4	0	3	q.b	*	56	50	0.18
	Malin Head ...	29.66	52	NNW	6	bcp	29.68	+.30	52	48	0	NW	4	op	3	bc.p	*	54	47	0.14
	Belmullet ...	29.79	52	NW	2	c	29.80	+.17	53	52	0	WNW	2	0	*	bc.c	*	56	51	0.10
	Donaghadee ...	29.67	51	NW	6	b	29.75	+.41	49	48	-3	WSW	5	0	3	b	*	57	44	0.01
	Liverpool (Bidston)	29.60	54	NNW	7	c	29.79	+.53	53	49	-1	W	5	0	5	cp	*	56	50	0.02
	Holyhead ...	29.69	53	WNW	7	bc	29.83	+.42	54	51	+1	WSW	4	c	3	cqp.bc	*	57	48	0.03
	Parsonstown ...	29.82	52	W	2	†	29.83	+.23	52	51	+2	W	1	c	*	bc.p.b	9.5	58	45	0.03
	Valencia ...	29.97	55	W	5	bc	29.94	+.15	56	52	0	W	4	om	5	cq.bc	6.4	57	52	0.06
	Roche's Point ...	29.88	50	NW	5	bp	29.95	+.23	54	52	+2	W	3	bcp	4	p.b	*	59	48	0.02
	Pembroke (St. Ann's Hd.)	29.79	56	NW	6	bc	29.91	+.32	56	53	+2	W	6	ogq	5	bc	8.0	57	53	-
	Scilly	29.91	57	NNW	5	c	30.03	+.29	57	54	0	W	5	c	4	bc	9.4	59	52	-
	Prawle Point ...	29.84	54	W	6	c	30.02	+.36	53	50	-2	W	4	c	3	cp	*	59	49	0.01
	Jersey (St. Aubin's)	29.89	59	NNW	6	bcq	30.05	+.33	58	52	-2	WNW	5	cq	5	bcq.p	*	64	54	0.09
	Hurst Castle ...	29.76	55	W	4	bc	29.96	+.42	53	50	-4	W	4	bc	3	bc	*	62	49	-
	Dungeness ...	29.63	56	W	6	bc	29.88	+.51	55	50	-3	WNW	4	b	4	bc	*	65	46	-
	North Foreland	29.60	55	W	4	bc	29.85	+.49	52	48	-5	W	4	b	4	bc	*	60	46	-
	London (Kew Obs.) ...	29.65	54	WNW	4	bv	29.89	+.48	50	46	-1	W	3	b	*	bcq.bw	7.5	62	43	-
	Oxford	29.74	50	W	3	b	29.89	+.48	49	47	-6	SW	3	b	*	bq	*	59	43	-
	Cambridge ...	29.59	52	W	4	b	29.84	+.54	49	46	-1	WSW	3	b	*	qp.b	3.5	61	43	-
	Yarmouth ...	29.37	54	WNW	6	cqq	29.73	+.55	50	46	-5	WNW	5	b	4	cq	*	58	45	-
GERMANY & HOLLAND.	Cuxhaven ...	29.17	56	SW	6	†	29.17	+.11	54	54	-1	WNW	8	†	*	†	*	59	52	0.98
	Berlin	29.87	52	SW	5	bc	29.48	+.09	52	48	-5	SW	5	0	*	bc	*	64	50	0.24
	Wiesbaden ...	*	*	*	*	*	29.82	+.34	52	49	-4	SW	4	bc	*	*	*	61	50	0.04
	Munich	29.88	55	SW	6	b	29.94	+.15	48	46	-11	W	5	†	*	b	*	64	45	0.08
	The Helder																*			
BELGIUM.	Brussels ...	*	*	*	*	*	29.85		49	46		WSW	4	b	*	b	*	61	46	0.12
	Cape Gris Nez	29.59	59	NW	6	bc	29.79	+.44	51	50	-1	NW	5	bc	5	bc	*	61	50	-
	Paris	29.85	56	W	3	bc	29.97	+.32	51	49	-5	W	3	0	*	bc	*	66	48	0.04
	Brest	29.98	57	NW	3	c	30.09	+.29	56	53	-1	NNW	3	c	4	c	*	63	50	0.08
	Lorient ...	29.58	60	NW	5	c	30.13	+.23	55	52	-3	NW	4	c	4	c	*	63	48	-
FRANCE &	Rochefort ...	30.06	62	W	5	0	30.15	+.17	59	57	-3	NW	4	0	*	0	*	68	57	-
	Belfort	29.85	56	WSW	6	c	29.99	+.17	48	47	-6	WSW	5	0	*	c	*	62	47	0.16
	Lyons	29.99	61	WSW	1	0	30.11	+.14	54	51	-3	NW	1	bc	*	0	*	70	52	0.04
	Nice	29.82	68	SW	3	b	29.83	-.06	63	50	+3	Z	0	b	4	b	*	77	57	-
	Perpignan ...	30.07	67	NW	2	0	30.16	+.12	60	55	+1	NW	4	b	*	0	*	81	50	-
	Biarritz ...	30.16	65	NW	4	0	30.21	+.22	62	56	-2	NW	5	c	5	0	*	66	59	0.20
PENINSULA.	Corunna ...																*			
	Lisbon	30.19	65	NNE	4	b	30.19	+.02	64	57	-3	NNE	5	b	*	b	*	81	61	-
	Azores (P. Delgada)	30.32	72	N	3	b	30.29	+.01	71	68	+2	NNE	3	b	2	b	*	79	68	-

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

Bright Sunshine yesterday Southport 1.5 hrs; Eastbourne 8.8 hrs; Hastings 9.3 hrs.

WEATHER CHARTS

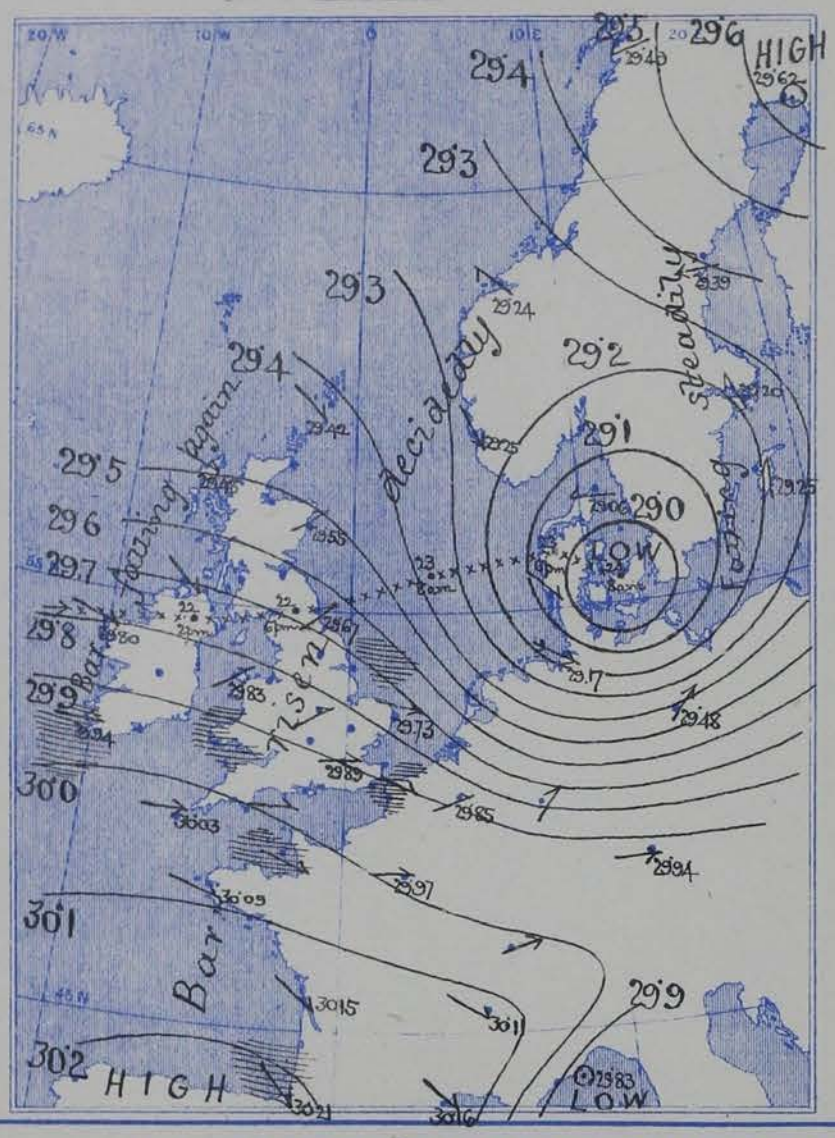
FOR *Thursday, 24th September, 1896.*

BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.

Force above 10 ➛ ; *Force 5 to 7* ⟶ ; } Calm ⊙
Force 8 to 10 ➛ ; *Force 1 to 4* ⟶ ; }

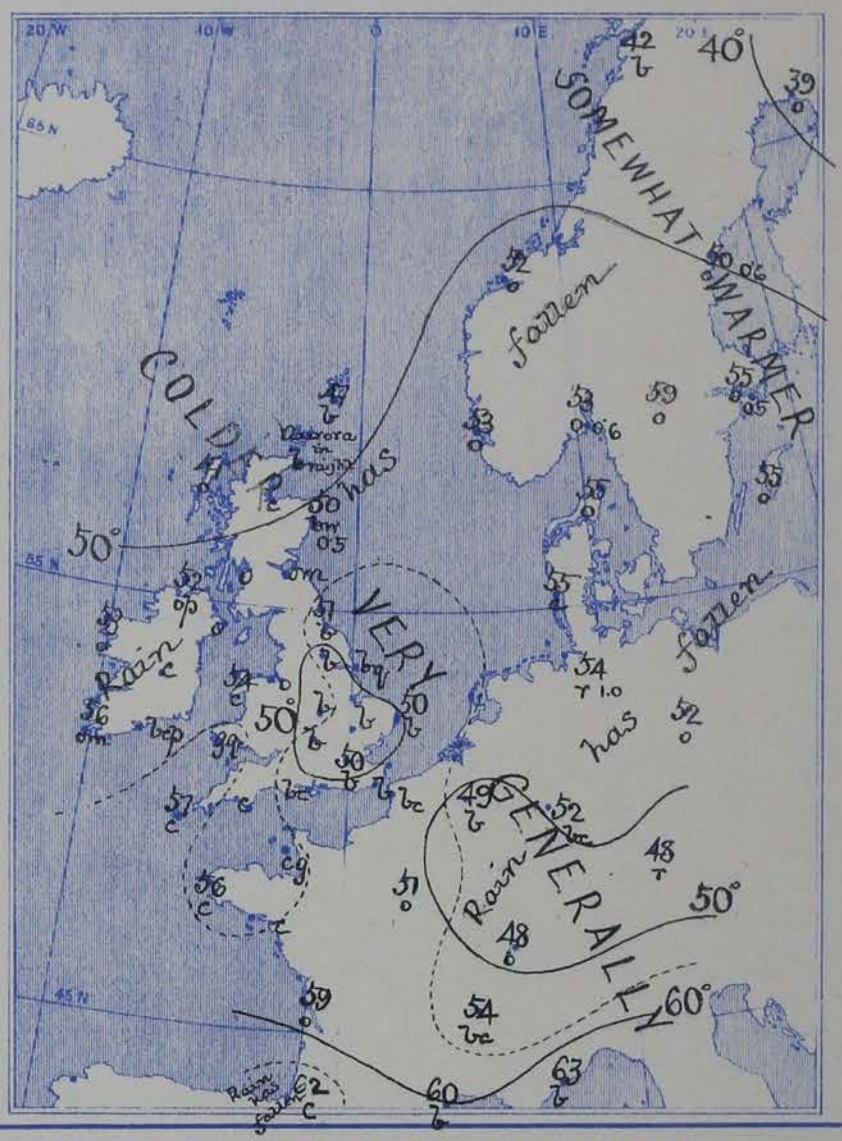
SEA—Rough ▤ ; *High* ▩



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF SEPTEMBER.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of: Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Absolute Extremes: Maximum.	Years.	Minimum.	Years.	RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95. Hours.	Per cent. of possible.
	(*Inches.*)	°	°	°	°	°		°		(*Inches.*)		
Sumburgh Head	29 · 793	50 · 8	49 · 1	55 · 0	46 · 1	68	1880	34	1887, 88	3 · 38	—	—
Stornoway	29 · 814	51 · 5	50 · 2	56 · 5	45 · 8	69	1895	32	1871, 75, 85	4 · 09	103 · 3	27
Wick	29 · 831	52 · 0	50 · 1	57 · 8	45 · 7	74	1884, 91	29	1885, 87	2 · 51	—	—
Nairn	29 · 843	51 · 5	49 · 1	59 · 5	46 · 2	77	1895	25	1892	2 · 48	—	—
Aberdeen	29 · 863	52 · 3	49 · 8	59 · 3	46 · 6	79	1891	30	1887	2 · 89	124 · 2	33
Leith	29 · 887	53 · 3	50 · 8	62 · 0	47 · 5	81	1873, 91	33	1886	2 · 19	—	—
Shields	29 · 910	53 · 2	51 · 0	60 · 1	48 · 2	79	1895	34	1885, 89, 93	2 · 30	—	—
Spurn Head	29 · 947	55 · 6	53 · 8	60 · 7	52 · 5	75*	1895	38*	1892	1 · 83	—	—
York	29 · 896	52 · 9	51 · 0	63 · 2	47 · 5	83	1895	30	1885	2 · 45	118 · 4	32
Loughborough	29 · 971	53 · 6	51 · 9	65 · 4	47 · 6	86*	1891, 95	30*	1885, 94	2 · 50	—	—
Ardrossan	29 · 892	53 · 7	51 · 6	59 · 7	49 · 4	78	1880	32	1885	3 · 38	—	—
Donaghadee	29 · 916	53 · 6	52 · 4	60 · 0	49 · 4	71	1893	36	1882, 94	2 · 74	—	—
Holyhead	29 · 941	55 · 8	53 · 6	60 · 8	52 · 5	78	1880	43	1873, 85	3 · 10	—	—
Liverpool	29 · 947	54 · 7	52 · 0	61 · 5	50 · 9	82	1880	39	1885	3 · 17	—	—
Parsonstown	29 · 948	52 · 8	50 · 9	61 · 7	47 · 2	79	1880	31	1877, 93	2 · 92	124 · 7	33
Valencia	29 · 961	56 · 4	54 · 1	61 · 8	51 · 3	78	1895	38	1872, 93	4 · 38	130 · 4	35
Roche's Point	29 · 963	55 · 6	53 · 4	61 · 7	51 · 0	74	1880	39	1893	3 · 74	—	—
Pembroke	29 · 962	56 · 2	54 · 0	60 · 3	53 · 1	74	1895	40	1885	3 · 32	146 · 5	39
Scilly	29 · 982	58 · 5	56 · 4	62 · 0	54 · 8	72	1880, 93, 95	44	1885, 88	3 · 28	—	—
Prawle Point	30 · 004	57 · 2	55 · 3	62 · 5	52 · 3	76*	1889	36*	1885	2 · 41	—	—
Jersey	30 · 003	60 · 2	57 · 2	65 · 8	54 · 9	86	1895	41	1891	2 · 96	183 · 4	49
Hurst Castle	30 · 002	57 · 3	55 · 7	64 · 6	52 · 3	77	1895	35	1885	2 · 76	—	—
Dover	29 · 981	57 · 9	55 · 5	63 · 7	53 · 2	77	1880	32	1885	2 · 53	—	—
LONDON	29 · 991	55 · 8	53 · 4	66 · 5	49 · 6	87	1880	30	1877	2 · 17	111 · 5†	30†
Oxford	29 · 985	53 · 9	52 · 0	64 · 3	48 · 8	83	1880, 95	33	1885	2 · 43	141 · 0	38
Cambridge	29 · 979	54 · 6	52 · 9	66 · 0	47 · 9	88	1880	31	1885	2 · 13	144 · 2	39
Yarmouth	29 · 959	56 · 4	54 · 4	62 · 3	51 · 3	78	1880	33	1885	2 · 64	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·2 ins: and upwards in an anticyclone lying over Spain and the extreme southwest of France.
Lowest, 29·0 ins: and less, in a deep depression over Denmark.
Gradients steep over North Germany, the Netherlands and the eastern parts of the North Sea, but moderate or slight elsewhere.
Barometer falling in the extreme west of our Islands and also in Sweden, but rising in most other parts of our area

TEMPERATURE

Highest, 64° at Lisbon, 63° at Nice, 62° at Biarritz, 60° at Perpignan, 59° at Rochefort, and 58° at Jersey.
Lowest, (1) 39° at Haparanda, 42° at Bodö; (2) 47° at Lerwick, Stornoway, and Wick, and 48° at Nairn and York; (3) 48° at Belfort and Munich
The maxima registered yesterday were below 60° over the more northern parts of our Islands generally, and below 55° on our extreme north and northwest coasts. During the night the thermometer on the grass in London fell to 35°.

WIND

Moderate to fresh from the W^ly over our Islands generally, but SW^ly on our northeast coasts.
Strong to a gale from the NW^ly on the eastern shores of the North Sea; moderate to fresh from the SW^ly in Germany; E^ly over the greater part of Scandinavia.
Moderate from the NW^ly in the west and south of France.

WEATHER

Fine in the eastern and central parts of Great Britain and also in the Netherlands
Cloudy or overcast elsewhere, with showers at some of our more western stations, and with rain at Cuxhaven and Munich. A Solar halo is reported at Tiree.
Rain fell yesterday in the west and north of our Islands generally, and also over all the more southern parts of the Continent, the largest amounts being 1·0 in: at Cuxhaven, and 0·6 in: at Hernösand and Sandes. An Aurora was seen last night at Wick, and a lunar rainbow at Spurn Head.

SEA

Rather rough on several of the most exposed parts of our coasts.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Fresh disturbances are apparently advancing towards our western coasts, but at present their size and depth are unknown. Showery weather seems likely to spread eastwards again over the greater part of the United Kingdom.

FORECASTS

For the 24 hours ending at NOON on 25th SEPT: 1896.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH 1 SCOTLAND EAST	W^ly to SW^ly winds; fair at first, some rain later.	6 SCOTLAND WEST 7 ENGLAND N.W. 8 ENGLAND S.W. 9 IRELAND NORTH 10 IRELAND SOUTH	W^ly to SW^ly winds, freshening; unsettled, some rain.
2 ENGLAND N.E. 3 ENGLAND EAST 4 MIDLAND COUNTIES	Same as No 5		
5 ENGLAND SOUTH	W^ly to SW^ly winds, moderate or fresh; fair at first then cloudy and showery.	WARNINGS	The South Cone is still flying in districts 2, 7, and 9.

Note.—The **South Cone**, *point downwards* ( ), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* ( ), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Shudesnaes ...	29.02	52	49	NE	7	r	5
Sumburgh Head	29.26	48	47	N	3	r	6
Stornoway	29.46	53	50	N	4	bcp	4
Aberdeen	29.25	49	48	NW	8	cqrq	7
Shields	29.24	59	51	NW	6	c	4
Ardrossan	29.45	56	55	WNW	7	b	5
Malin Head ...	29.58	52	47	NNW	7	bc	6
Belmullet	29.80	56	55	NW	4	bc	*
Holyhead	29.61	55	51	WNW	5	cqp	7

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	29.89	57	53	WNW	5	cq	6
Scilly	29.86	59	54	WNW	6	c	5
Jersey	29.84	61	56	W	7	bc	6
Hurst Castle ...	29.69	60	52	W	6	bc	4
Dungeness ...	29.55	64	61	W	6	bc	6
North Foreland	29.53	60	52	W	5	c	5
London (Westminster)	29.56	62	61	WNW	6	bc	*
Yarmouth ...	29.35	57	52	W	7	cq	5
Rochefort ...	30.03	65	62	W	6	c	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning fine over the greater part of Ireland and England, but with showers in a few places; dull and rainy in Scotland, as well as in many parts of northern and central Europe. Fine over the Spanish Peninsula and the southern parts of France and Italy, but dull in the southwest of France, with rain at Biarritz. Gradual improvement taking place later in Scotland, but heavy rain falling in many parts of Scandinavia, Denmark, and Germany; showery weather setting in at night on our western coasts.

Temperature rises over the eastern parts of our Islands and also over the central parts of the Continent, but falls in most other localities. Morning readings highest 80° at Oran, 77° at Tunis, 76° at Palma, and 75° at Barcelona and Malta; above 65° at the Mediterranean and Spanish coast stations generally. Lowest 38° at Haparanda, 39° at Wladstog, and 44° at Kuopio and Helsingfors; lowest in our Islands 48° at Sumburgh Head and Stornoway. Daily range below 55° on our own extreme north and northwest coasts, and below 60° in all but the southern parts of the Kingdom, thermometer exceeding 75° in the south of France, and reaching 81° at Perpignan as well as at Lerida.

Wind strong to a gale over northwestern Europe generally — from N. or NW. in Ireland and Scotland, from W. over England the Netherlands and the north of France, from S. in North Germany, and from E. in the north of Denmark and the south of Norway. Light to moderate from the SE^ly in the south of Sweden and from the S^ly over northern Russia. Calm in Austria, rather variable over Southern Europe and the Mediterranean, but chiefly from the N^ly. Gale moderating gradually later on our own and the French coasts, and wind veering to the NW^ly in most places; SE gale springing up in the south of Sweden.

Barometer highest 30.2 in. and upwards in an anticyclone lying off the Portuguese coast. Lowest 29.0 in. and less in a deep depression having its centre over the central part of the North Sea; 28.6 in. and less in a much shallower system over the extreme south of Russia. Depression over North Sea subsequently moving slowly eastwards; barometer rising steadily over Western Europe generally, but falling briskly in Sweden.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

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" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Friday 25th Sept. 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA	Haparanda ...	29.65	48	NE	2	0	29.47	− .15	46	45	+ 7	E	2	0	*	0	*	48	32	0.04
	Hernösand ...	29.30	52	E	4	r	29.30	− .09	52	51	+ 2	2	0	0	*	r	*	54	46	0.75
	Stockholm ...	29.26	54	SE	2	0	29.21	+ .01	52	?	− 3	N	2	r	*	0	*	59	52	0.12
	Wisby	29.17	50	SSW	4	0	29.27	+ .02	53	51	− 2	W	6	c	*	0	*	57	46	0.04
	Karlstad ..	29.19	53	SSE	1	0	29.18	+ .03	53	51	− 6	S	2	r	*	0	*	*	*	0.47
	Bodö	29.39	47	E	2	b	29.37	− .12	48	44	+ 6	ENE	4	b	1	b	*	54	41	—
	Christiansund ...	29.26	51	2	0	r	29.26	+ .02	48	46	− 4	W	4	r	2	r	*	55	48	0.08
	Skudesnaes ...	29.36	50	NW	4	c	29.28	+ .03	42	41	− 11	2	0	c	1	r,c	*	54	41	*
	Færder (Christiania Fjord)	29.21	54	NW	2	c	29.20	+ .05	50	48	− 3	WNW	4	c	3	c	*	55	50	0.04
	Skagen (The Scaw)	29.25	54	NW	4	c	29.29	+ .23	52	48	− 3	WNW	4	bc	1	c	*	55	48	0.16
	Fanö	29.47	52	WNW	7	c	29.35	+ .32	52	50	− 3	SW	4	r	*	c	*	59	52	0.20
BRITISH ISLANDS	Sumburgh Head	29.30	47	W	2	bc	29.21	− .21	44	43	− 3	NE	1	r	2	c,bc	*	54	41	0.20
	Stornoway ...	29.36	48	WSW	3	r	29.22	− .26	45	45	− 2	N	3	o	3	c,r	5.1	54	39	0.80
	Wick	29.40	50	W	1	bc	29.14	− .35	46	46	− 1	NW	1	or	1	bc	*	54	42	0.45
	Nairn	29.41	49	WNW	1	bc	29.12	− .39	46	46	− 2	2	0	r	1	bc,r	*	55	43	0.20
	Aberdeen ...	29.46	48	WSW	3	bc	29.13	− .42	49	49	− 1	E	3	org	3	bcq,bc	6.9	56	44	0.10
	Leith	29.51	51	W	2	0	29.03	− .59	48	48	− 2	ENE	2	r	*	o,r	*	58	46	0.43
	Shields	29.59	53	SW	2	0	28.93	− .74	51	50	0	E	5	r	4	c,o,rq	*	58	48	0.28
	Spurn Head ...	29.63	56	W	3	og	28.75	− .96	52	52	0	ESE	8	r	6	c,og,r	*	58	49	0.45
	York	29.65	54	W	1	0	28.78	− .96	51	50	+ 3	E	3	r	*	bc,or	5.3	60	48	0.52
	Loughborough ...	29.70	54	ENE	2	0	28.70	− 1.12	52	51	+ 3	SSE	3	op	*	c,opq,r	*	61	49	0.79
	Ardrossan ...	29.50	54	SSW	4	op	29.06	− .58	48	48	− 4	N	2	rm	1	c,op	*	56	41	0.58
	Malin Head ...	29.44	50	S	4	op	29.14	− .54	48	46	− 4	N	10	cq	6	c,op	*	54	47	0.44
	Belmullet ...	29.43	51	S	4	or	29.40	− .40	52	52	− 1	N	8	c	*	c,or	*	55	?51	0.94
	Donaghadee ...	29.56	52	SW	3	o	29.03	− .72	51	50	+ 2	NNE	7	c	5	o	*	57	48	0.68
	Liverpool (Bidston)	29.66	52	W	2	o	28.66	− 1.13	55	54	+ 2	WNW	3	r	3	c,rq	*	59	48	0.49
	Holyhead ...	29.63	54	SW	4	ogm	28.77	− 1.06	54	52	0	N	9	ow	7	zp,ogm	*	57	48	0.86
	Parsonstown ...	29.55	51	SE	1	r	29.19	− .64	53	49	+ 1	NW	4	cq	*	cq,or	0.4	56	50	0.68
	Valencia ...	29.51	55	S	4	rw	29.47	− .47	56	51	0	WNW	8	o	6	ogm,rm	0.1	60	53	1.04
	Roche's Point ..	29.64	50	SW	5	r	29.22	− .73	56	53	+ 2	N	8	c	5	o,r	*	59	54	0.55
	Pembroke (St. Ann's Hd.)	29.71	56	WSW	6	o	28.77	− 1.14	54	54	− 2	NW	8	cq	7	c,o	1.2	57	53	0.86
	Scilly	29.84	58	SW	4	r	29.03	− 1.00	57	54	0	NW	11	c	7	o,r	1.1	60	51	0.87
	Prawle Point ...	29.85	56	WSW	6	c	28.85	− 1.17	56	55	+ 3	WNW	8	opq	7	cpq,rq	*	58	50	0.80
	Jersey (St. Aubin's)	29.94	57	W	5	o	28.85	− 1.20	59	57	+ 1	W	8	orq	7	cp,or	*	63	56	0.81
	Hurst Castle ...	29.87	57	WSW	4	omw	28.79	− 1.17	58	56	+ 5	WSW	5	cp	3	c,mw,rq	*	62	53	0.87
	Dungeness ...	29.79	57	WSW	5	c	28.80	− 1.08	57	56	+ 2	SSW	8	rq	7	c,rq	*	65	53	1.24
	North Foreland	29.82	55	WSW	3	c	28.82	− 1.03	54	52	+ 2	SSE	8	r	8	bc,c,r	*	59	?	0.58
	London (Brixton) ...	29.80	56	SW	2	o	28.77	− 1.12	56	55	+ 6	SW	2	cp	*	b,orq	7.8	61	50	0.57
	Oxford	29.72	53	SW	3	o	28.72	− 1.17	56	55	+ 7	WSW	3	our	*	b,rq	*	61	49	0.67
	Cambridge ..	29.73	55	SW	4	o	28.72	− 1.12	52	52	+ 3	SE	3	rq	*	b,o,r	8.0	61	47	0.38
	Yarmouth ...	29.74	55	WSW	3	bc	28.90	− .83	53	52	+ 3	SSE	8	orq	6	bc	*	58	47	0.53
GERMANY & HOLLAND	Cuxhaven ...	29.52	53	NW	7	o	29.41	+ .24	48	47	− 6	S	5	b	*	or	*	54	45	0.67
	Berlin	29.67	51	SW	6	r	29.67	+ .19	46	42	− 6	SW	4	b	*	r	*	55	43	0.12
	Wiesbaden ...	*	*	*	*	*	29.67	− .15	48	46	− 4	SE	3	o	*	*	*	59	43	0.08
	Munich... ..	30.02	45	SW	5	b	29.86	− .08	45	44	− 3	SSE	4	b	*	b	*	54	39	0.47
	The Helder ...	29.70	57	W	5	o	29.22		51	50		SSE	4	r	1	o	*	57	52	0.08
BELGIUM	Brussels ..	*	*	*	*	*	29.29	− .56	48	48	− 1	SSE	7	r	*	b	*	58	48	0.08
	Cape Gris Nez...																*			
	Paris	29.99	53	SW	2	b	29.34	− .63	51	50	0	S	5	r	*	b	*	62	50	0.16
	Brest	29.98	57	WSW	3	o	29.15	− .94	59	57	+ 3	W	7	r	7	o	*	61	50	0.51
	Lorient... ...	30.04	59	WNW	5	o	29.24	− .89	54	52	− 1	WSW	8	f	8	o	*	63	50	0.43
FRANCE	Rochefort ...	30.16	61	NW	4	o	29.55	− .60	61	61	+ 2	SW	9	r	*	c,o	*	66	59	0.28
	Belfort	30.02	47	WSW	3	c	29.73	− .26	44	43	− 4	2	0	o	*	c	*	57	44	0.20
	Lyons	30.12	54	NNE	1	o	29.71	− .40	46	44	− 8	S	3	o	*		*	62	46	—
	Nice	29.82	62	SE	1	c	29.84	+ .01	59	49	− 4	E	1	c	2	c	*	75	52	0.83
	Perpignan ...	30.12	62	NW	4	o	30.10	− .06	54	52	− 6	NW	1	o	*	o	*	70	51	—
	Biarritz ...																*			
PENINSULA	Corunna ...																*			
	Lisbon	30.18	65	NNE	4	b	30.24	+ .05	64	58	0	NNE	4	b	*	b	*	79	59	—
	Azores (P. Delgada)																*			

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

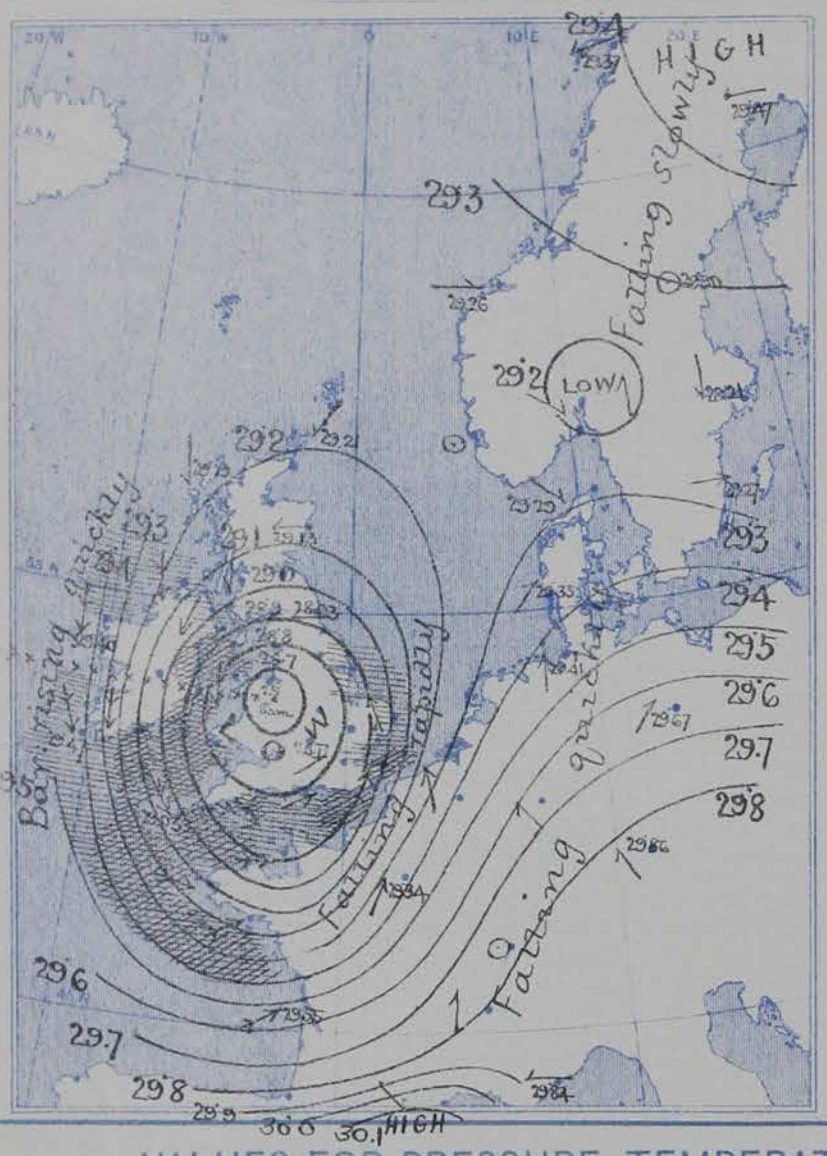
Bright Sunshine yesterday Southport 1.8 hrs; Eastbourne 7.4 hrs; Hastings 7.8 hrs.

WEATHER CHARTS

FOR Friday, 25th September, 1896.

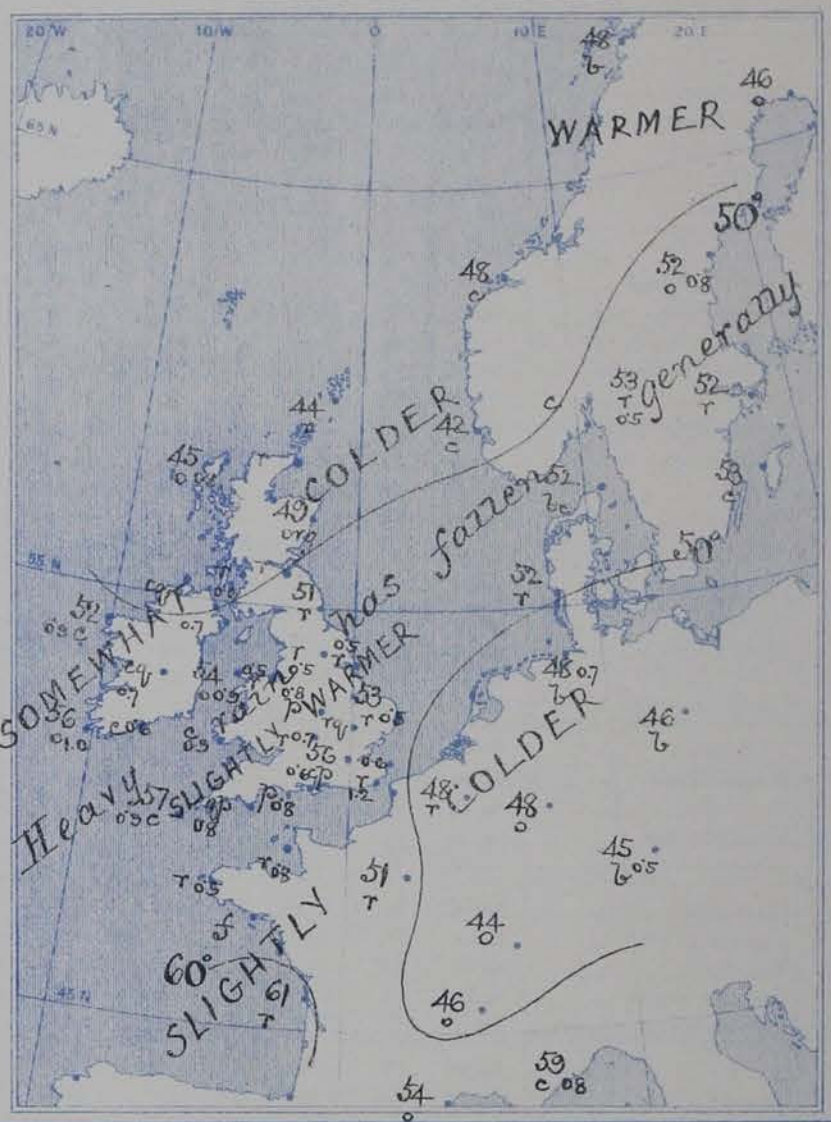
BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.
Force above 10 ⟶⟶ ; *Force 5 to 7* ⟶ ; *Force 8 to 10* ⟶⟶ ; *Force 1 to 4* ⟶ ; Calm ⊙
SEA—Rough ▒ : *High* ▒



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.
RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF SEPTEMBER.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Absolute Extremes. Maximum.	Years.	Minimum.	Years.	RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95. Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29·793	50·8	49·1	55·0	46·1	68	1880	34	1887, 88	3·38	—	—
Stornoway	29·814	51·5	50·2	56·5	45·8	69	1895	32	1871, 75, 85	4·09	103·3	27
Wick	29·831	52·0	50·1	57·8	45·7	74	1884, 91	29	1885, 87	2·51	—	—
Nairn	29·843	51·5	49·1	59·5	46·2	77	1895	25	1892	2·48	—	—
Aberdeen	29·863	52·3	49·8	59·3	46·6	79	1891	30	1887	2·89	124·2	33
Leith	29·887	53·3	50·8	62·0	47·5	81	1873, 91	33	1886	2·19	—	—
Shields	29·910	53·2	51·0	60·1	48·2	79	1895	34	1885, 89, 93	2·30	—	—
Spurn Head	29·947	55·6	53·8	60·7	52·5	75*	1895	38*	1892	1·83	—	—
York	29·896	52·9	51·0	63·2	47·5	83	1895	30	1885	2·45	118·4	32
Loughborough	29·971	53·6	51·9	65·4	47·6	86*	1891, 95	30*	1885, 94	2·50	—	—
Ardrossan	29·892	53·7	51·6	59·7	49·4	78	1880	32	1885	3·38	—	—
Donaghadee	29·916	53·6	52·4	60·0	49·4	71	1893	36	1882, 94	2·74	—	—
Holyhead	29·941	55·8	53·6	60·8	52·5	78	1880	43	1873, 85	3·10	—	—
Liverpool	29·947	54·7	52·0	61·5	50·9	82	1880	39	1885	3·17	—	—
Parsonstown	29·948	52·8	50·9	61·7	47·2	79	1880	31	1877, 93	2·92	124·7	33
Valencia	29·961	56·4	54·1	61·8	51·3	78	1895	38	1872, 93	4·38	130·4	35
Roche's Point	29·963	55·6	53·4	61·7	51·0	74	1880	39	1893	3·74	—	—
Pembroke	29·962	56·2	54·0	60·3	53·1	74	1895	40	1885	3·32	146·5	39
Scilly	29·982	58·5	56·4	62·0	54·8	72	1880, 93, 95	44	1885, 88	3·28	—	—
Prawle Point	30·004	57·2	55·3	62·5	52·3	76*	1889	36*	1885	2·41	—	—
Jersey	30·003	60·2	57·2	65·8	54·9	86	1895	41	1891	2·96	183·4	49
Hurst Castle	30·002	57·3	55·7	64·6	52·3	77	1895	35	1885	2·76	—	—
Dover	29·981	57·9	55·5	63·7	53·2	77	1880	32	1885	2·53	—	—
LONDON	29·991	55·8	53·4	66·5	49·6	87	1880	30	1877	2·17	111·5†	30†
Oxford	29·985	53·9	52·0	64·3	48·8	83	1880, 95	33	1885	2·43	141·0	38
Cambridge	29·979	54·6	52·9	66·0	47·9	88	1880	31	1885	2·13	144·2	39
Yarmouth	29·959	56·4	54·4	62·3	51·3	78	1880	33	1885	2·64	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE — Highest 30.24 ins. at Lisbon; 30.1 ins. and upwards in an anticyclone lying over the greater part of the Spanish Peninsula. Lowest 28.66 ins. at Liverpool, 28.8 ins. and less over nearly the whole of England and Wales. Gradient very steep over the west and southwest of our Islands, and also over France and the Netherlands; moderate to slight elsewhere. Barometer rising briskly on our western coasts, but falling elsewhere, rapidly in the east of England, and also over the Continent.

TEMPERATURE — Highest 64° at Lisbon, 61° at Rochefort, 59° at Jersey, Brest and Nice, 58° at Hurst Castle, and 57° at Scilly. Lowest (1) 44° at Lerwick N., 45° at Stornoway, and 46° at Wick and Nairn; (2) 44° at Belfort, 45° at Munich, and 46° at Berlin.

During yesterday the thermometer rose to 60° or a little above it at several of the English stations, & to 65° at Dungeness.

WIND — Blowing a strong to whole gale from the N.W. on our western coasts, and a fresh to strong gale from W. or S.W. over the Bay of Biscay.

Strong to a gale from the S.W. over the southeast coasts of England, and the adjacent parts of the Continent. E. on the NE coasts of Gt Britain, with a gale at Spurn H. Calm or variable at the Scandinavian stations.

WEATHER — Dull and rainy in most parts of Gt. Britain, France and the Netherlands, but improving in Ireland. Fine and bright at the German stations, changeable in Scandinavia and Denmark, with rain in many places. During the past 24 hours heavy rain has fallen over the United Kingdom generally, as well as at many of the Continental stations. The largest amounts measured this morning were 1.4 ins. at Sittingbourne, 1.2 ins. at Dungeness, 1.0 in. at Valencia (Ireland), and 0.9 in. at Belmullet, Holyhead, Pembroke and Scilly. Lunar halos were seen yesterday in various parts of England.

SEA — Very high at the N. Foreland and Lowestoft, and high or rough on all but our northern coasts.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Since last evening a depression of great size and depth has advanced over England from the westward. The disturbance will probably move away in an E. or SE. direction, and in its rear N. gales are likely to set in over the United Kingdom generally, with colder weather.

FORECASTS

For the 24 hours ending at NOON on 26TH SEPTR 1896.

DISTRICTS.	FORECASTS.
1 SCOTLAND NORTH; 2 SCOTLAND EAST	NE. to N. winds increasing in force, squally, showery.
3 ENGLAND N.E.	E. to N. strong winds and gales, squally and rainy at first, improving later.
4 ENGLAND EAST; 5 MIDLAND COUNTIES; 6 ENGLAND SOUTH	Wind shifting to the N.W. and increasing to a strong gale, squally and showery at first, but improving later, becoming colder.
6 SCOTLAND WEST; 7 ENGLAND N.W.; 8 ENGLAND S.W.; 9 IRELAND NORTH; 10 IRELAND SOUTH	N. gales, moderating gradually, squally and showery at first, but improving later, becoming colder.
WARNINGS	At 3.30 pm yesterday to districts 7 to 10, and at 7 pm to districts 2 to 3, 5 and 6. Hurst South Cone. The signals are now flying on all coasts.

Note.—The **South Cone**, *point downwards* ( ), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* ( ), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29.33	51	45	NNW	6	r	3
Sumburgh Head	29.37	50	45	W	1	c	3
Stornoway	29.47	51	49	WNW	4	c	4
Aberdeen	29.51	55	47	WNW	5	bcq	2
Shields	29.62	56	51	SW	4	c	3
Ardrossan	29.62	54	52	W	4	c	3
Malin Head ...	29.62	52	48	WSW	3	c	3
Belmullet	29.70	54	53	WSW	3	o	*
Holyhead	29.74	57	54	WNW	4	cdp	3

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	29.80	57	54	S	4	omq	5
Scilly	29.96	59	56	W	4	o	4
Jersey	30.01	61	55	WSW	6	c	5
Hurst Castle ...	29.91	60	55	WSW	5	c	4
Dungeness ...	29.85	63	55	WSW	4	c	3
North Foreland	29.86	55	50	W	4	bc	3
London (Westminster)	29.86	62	57	WSW	3	c	*
Yarmouth ...	29.77	58	55	WNW	4	bc	4
Rochefort ...	30.19	64	59	NW	4	c	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning fine over the eastern and central part of Gt. Britain and the adjacent parts of the Continent; cloudy and showery on our western coast. Fine over southern and southeastern Europe as a whole, but dull and unsettled in most of the northern and central countries, with rain in many places. Heavy rain setting in later over the west of our Islands and spreading in the course of the night over the entire Kingdom; large quantities reported also at several of the Continental stations. Lunar halo seen in several parts of England.

Temperature fallen in most of the western countries, but risen elsewhere. Morning readings highest 78° at Sfax, 75° at Palma, 74° at Brindisi, and 72° at Nemours and Malta, above 65° at the Mediterranean, Adriatic and Spanish coast stations generally. Lowest 39° at Haparanda, 42° at Bodö and Ulleaborg, 43° at Archangel, and 49° at Stornoway, Wick and Nairn. Rising during day to 60° or a little above it at several of the English stations; exceeding 70° in the south of France, and reaching 75° at Nice, and 79° at Lisbon.

Wind moderate to fresh from the W^ly over our Islands generally, but SW^ly on our NE coasts; strong to a gale from the NW^ly in the eastern shores of the North Sea, and from the SW^ly over N. Germany; S^ly or SE^ly over western and northern Russia; E^ly over the northern parts of Scandinavia. Moderate to fresh from the NW^ly in the west and south of France; N^ly over the western parts of the Spanish Peninsula. SW^ly or S^ly in Italy, light and variable over Austria, Greece and the south of Russia. Subsequently backing to the S^ly in nearly all parts of the United Kingdom, and increasing to a gale on our western and southern coasts.

Barometer highest 30.3 ins. and upwards in an area lying off the NW. of Spain; 29.9 ins. and upwards over N^rn Russia. Lowest 29.0 ins. and less in a well marked depression over Denmark; 29.8 ins. and less in two shallow systems lying respectively over the Gulf of Genoa and the northern parts of the Adriatic. Danish depression subsequently moving NE^wds, new disturbance of great depth approaching our W^rn coasts at night and moving rapidly E^wds across Ireland.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

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" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Saturday, 26th September, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOUR. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	29.52	47	NE	0	0	29.60	+.13	43	43	- 3	NE	2	0	*	0	*	57	43	0.16
	Hernösand ...	29.43	50	NE	0	r	29.62	+.32	49	48	- 3	NE	0	c	*	r	*	57	48	0.28
	Stockholm ...	29.49	49	N	2	b	29.72	+.51	50	49	- 2	S	2	b	*	b	*	57	46	0.20
	Wisby	29.59	53	NNW	4	bc	29.76	+.49	51	50	- 2	S	4	b	*	bc	*	55	46	-
	Karlstad ...	29.47	50	SSW	2	b	29.65	+.47	56	51	+ 3	NE	0	f	*	b	*	*	*	0.12
	Bodö	29.44	51	E	4	bc	29.53	+.16	50	49	+ 2	ESE	2	r	1	bc	*	55	43	-
	Christiansund ...	29.46	50	W	3	0	29.59	+.33	49	48	+ 1	NE	0	r	2	0	*	50	48	0.24
	Skudesnaes ...	29.45	49	N	4	bc	29.60	+.32	46	45	+ 4	NE	0	c	1	bc	*	54	41	*
	Færder (Christiania Fjord)	29.41	54	SW	4	b	29.62	+.42	53	51	+ 3	NE	0	0	2	b	*	55	50	-
	Skagen (The Scaw)	29.48	53	SW	1	0	29.65	+.36	53	49	+ 1	SW	2	0	0	0	*	55	52	-
	Fanö	29.41	51	SE	3	b	29.63	+.28	49	48	- 3	ESE	2	c	*	b	*	55	46	0.12
BRITISH ISLANDS.	Sumburgh Head	29.47	43	NNE	1	r	29.56	+.35	45	43	+ 1	NE	0	0	2	r	*	46	40	1.28
	Stornoway ...	29.59	49	NNW	3	c	29.43	+.21	49	49	+ 4	S	5	r	5	c	7.6	54	41	0.06
	Wick	29.51	42	N	2	bc	29.53	+.39	49	48	+ 3	SW	3	0	1	bc	*	50	38	0.10
	Nairn	29.56	49	NNE	2	c	29.53	+.41	46	46	0	NE	0	c	1	c	*	52	38	0.16
	Aberdeen ...	29.51	47	NW	4	cggy	29.61	+.48	47	44	- 2	SW	1	bcmw	2	orggpc	0.0	51	39	0.17
	Leith	29.51	50	N	2	c	29.61	+.58	46	45	- 2	W	1	0	*	r.c	*	51	38	0.30
	Shields	29.42	50	N	5	r	29.69	+.76	47	46	- 4	SW	1	cm	4	r	*	52	44	0.10
	Spurn Head ...	29.25	54	N	6	r	29.75	+1.00	50	48	- 2	NSW	2	0	4	r.o	*	54	49	0.80
	York	29.34	52	NNW	4	r	29.74	+.96	47	46	- 4	SW	1	0	*	or	0.0	53	45	0.30
	Loughborough ...	29.31	51	NNW	6	c	29.80	+1.10	50	47	- 2	NSW	2	om	*	ogpc.o	*	56	47	0.08
	Ardrossan ...	29.56	54	NNW	4	b	29.57	+.51	50	50	+ 2	ESE	4	cm	3	bc.b	*	56	45	0.15
	Malin Head ...	29.67	51	N	5	c	29.43	+.29	51	50	+ 3	SW	5	or	2	c	*	54	47	0.15
	Belmullet ...	29.79	53	NNW	2	c	29.55	+.15	56	56	+ 4	W	4	ogp	*	bc.c	*	57	52	0.33
	Donaghadee ...	29.62	52	NNW	8	b	29.60	+.57	49	49	- 2	SSW	6	o	4	c.b	*	55	45	0.13
	Liverpool (Bidston)	29.48	53	NW	7	o	29.74	+1.08	48	46	- 7	SSW	1	r	2	op	*	55	47	0.13
	Holyhead ...	29.60	54	NNW	9	cgpu	29.68	+.91	50	49	- 4	S	7	r	5	cgp	*	55	48	0.15
	Parsonstown ...	29.77	51	W	1	c	29.62	+.43	58	56	+ 5	W	2	or	*	ogor	0.0	58	47	0.26
	Valencia ...	29.90	55	NW	4	c	?29.61	+.14	59	58	+ 3	SSW	6	ogm	6	bcg.c	6.1	60	51	0.02
	Roche's Point ..	29.82	55	NNW	6	bc	29.71	+.49	61	59	+ 5	NNW	4	bc	4	bc.m	*	61	50	0.10
	Pembroke (St. Ann's Hd.)																			
	Scilly	29.73	57	NW	8	bc	29.89	+.56	59	59	+ 2	NSW	5	0	5	bc	6.6	59	52	
	Prawle Point ...																*			
	Jersey (St. Aubin's)	29.48	58	NW	9	cgp											*			
	Hurst Castle ...	29.30	55	NW	7	c	29.90	+1.11	53	50	- 5	NSW	2	0	2	p.u.c	*	58	52	0.12
	Dungeness ...	28.98	54	NNW	6	og	29.83	+1.03	52	50	- 5	NW	4	c	3	ogr	*	64	50	0.28
	North Foreland	28.95	57	NNW	5	og	29.81	+.99	53	51	- 1	W	4	0	3	r.og	*	60	51	0.46
	London (Brixton) ...	29.16	54	NNW	8	ogr	29.86	+1.09	50	48	- 6	W	3	0	*	c.ogr.o	0.4	59	49	0.21
	Oxford	29.49	53	NW	7	0	29.85	+1.13	50	47	- 6	NSW	2	op	*	ogp.op	*	61	48	0.05
	Cambridge ...	29.17	54	N	6	r	29.82	+1.10	50	47	- 2	NSW	1	om	*	org	0.6	60	48	0.19
	Yarmouth ...	29.02	55	ENE	5	ogrg	29.75	+0.85	53	51	0	NW	3	cm	4	c.ogrg	*	57	49	0.30
GERMANY & HOLLAND.	Cuxhaven ...	29.26	54	SE	3	0	29.58	+.17	50	50	+ 2	E	3	0	*	0	*	54	48	-
	Berlin	29.43	51	ESE	3	b	29.56	-.11	47	45	+ 1	SE	3	b	*	b	*	59	43	-
	Wiesbaden ...	*	*	*	*	*	29.49	-.18	52	50	+ 4	N	3	0	*	*	*	52	48	0.39
	Munich... ..	29.23	50	E	4	0	29.52	-.34	47	46	+ 2	W	5	r	*	0	*	55	45	0.24
	The Helder ...																*			
BELGIUM & FRANCE	Brussels ..	*	*	*	*	*	?29.74	+.45	55	51	+ 7	NNW	2	c	*	0	*	55	46	0.55
	Cape Gris Nez ...	29.01	56	NNW	7	r	29.74		53	52		NNW	5	0	5	r	*	61	48	1.30
	Paris ...	29.11	55	NNW	5	r	29.83	+.49	54	51	+ 3	NW	4	0	*	r	*	59	51	0.83
	Brest																*			
	Lorient... ...																*			
	Rochefort ...	29.72	62	NNW	9	0	30.11	+.56	57	56	- 4	NW	7	0	*	0	*	66	55	0.24
	Belfort	29.04	50	S	8	r	29.62	-.11	46	46	+ 2	NSW	7	r	*	r	*	52	44	1.10
	Lyons	29.86	58	W	6	bc	29.81	+.10	52	48	+ 6	NNW	5	0	*	bc	*	64	46	0.20
	Nice	29.43	?	W	1	r	29.43	-.41	57	43	- 2	E	1	b	1	r	*	68	48	0.28
	Perpignan ...	29.65	65	NW	7	bc	29.99	+.11	61	51	+ 7	NW	6	0	*	bc	*	75	54	
	Biarritz ...																*			
PENINSULA.	Corunna ...																*			
	Lisbon														*		*			
	Azores (P. Delgada)																*			

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page*

NOTE. *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

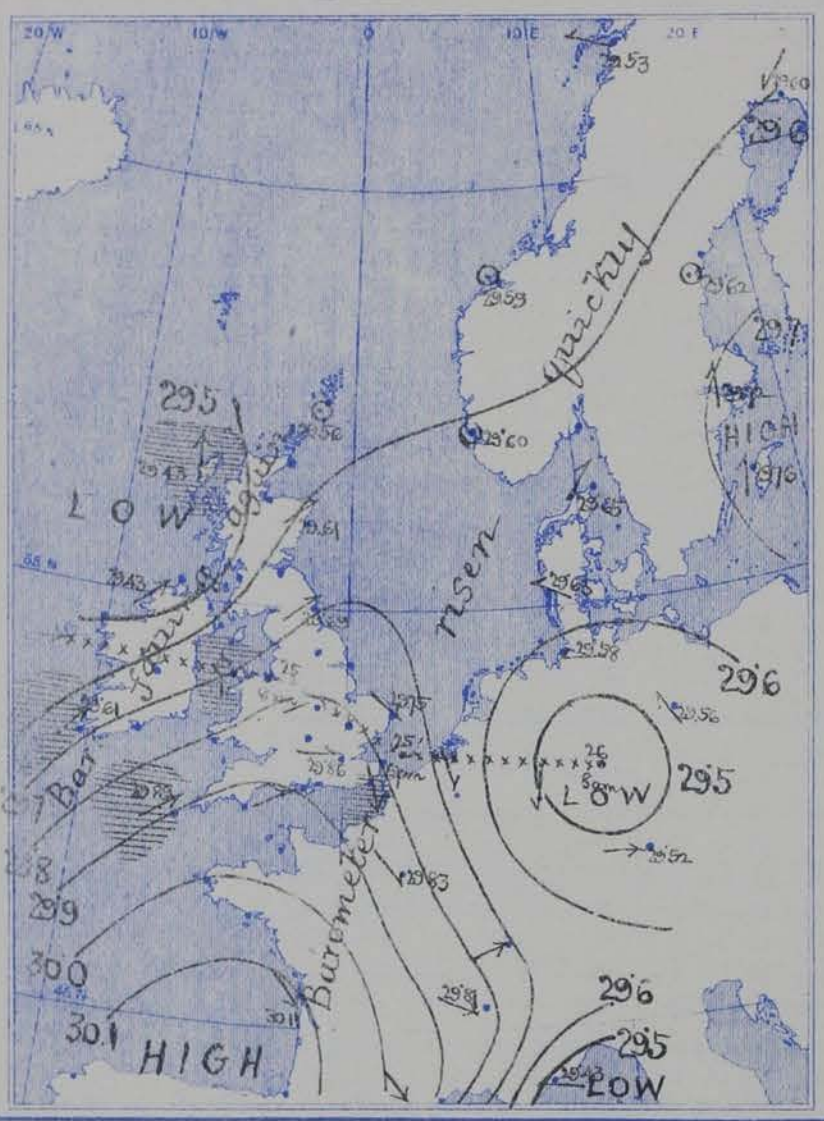
Bright Sunshine yesterday: Southport 0.4 hrs; Eastbourne 1.7 hrs; Hastings 1.7 hrs.

WEATHER CHARTS

FOR Saturday, 26th September, 1896.

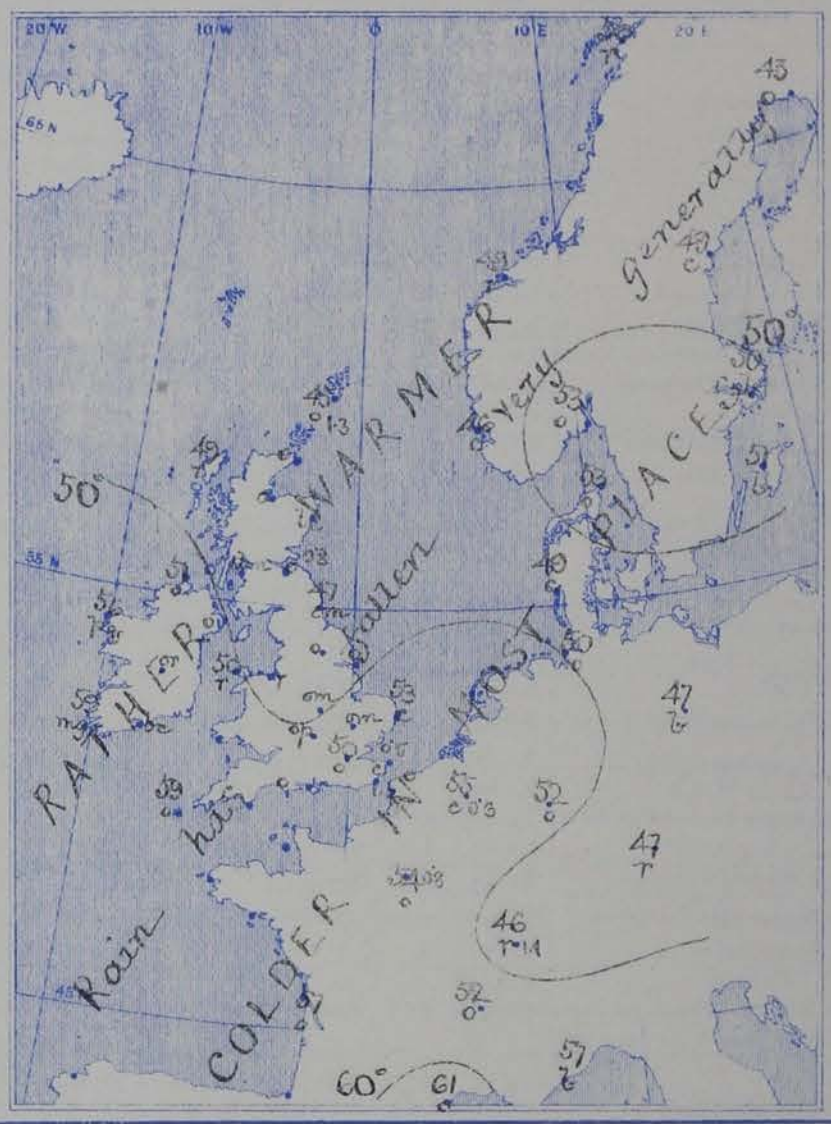
BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.
Force above 10 ⟶ ; *Force 8 to 10* ⟶ ; *Force 5 to 7* ⟶ ; *Force 1 to 4* ⟶ ; Calm ⊙
SEA—*Rough* ▤ : *High* ▩



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.
RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF SEPTEMBER.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of: Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Absolute Extremes: Maximum.	Years.	Minimum.	Years.	RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95. Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29 · 793	50 · 8	49 · 1	55 · 0	46 · 1	68	1880	34	1887, 88	3 · 38	—	—
Stornoway	29 · 814	51 · 5	50 · 2	56 · 5	45 · 8	69	1895	32	1871, 75, 85	4 · 09	103 · 3	27
Wick	29 · 831	52 · 0	50 · 1	57 · 8	45 · 7	74	1884, 91	29	1885, 87	2 · 51	—	—
Nairn	29 · 843	51 · 5	49 · 1	59 · 5	46 · 2	77	1895	25	1892	2 · 48	—	—
Aberdeen	29 · 863	52 · 3	49 · 8	59 · 3	46 · 6	79	1891	30	1887	2 · 89	124 · 2	33
Leith	29 · 887	53 · 3	50 · 8	62 · 0	47 · 5	81	1873, 91	33	1886	2 · 19	—	—
Shields	29 · 910	53 · 2	51 · 0	60 · 1	48 · 2	79	1895	34	1885, 89, 93	2 · 30	—	—
Spurn Head	29 · 947	55 · 6	53 · 8	60 · 7	52 · 5	75*	1895	38*	1892	1 · 83	—	—
York	29 · 896	52 · 9	51 · 0	63 · 2	47 · 5	83	1895	30	1885	2 · 45	118 · 4	32
Loughborough	29 · 971	53 · 6	51 · 9	65 · 4	47 · 6	86*	1891, 95	30*	1885, 94	2 · 50	—	—
Ardrossan	29 · 892	53 · 7	51 · 6	59 · 7	49 · 4	78	1880	32	1885	3 · 38	—	—
Donaghadee	29 · 916	53 · 6	52 · 4	60 · 0	49 · 4	71	1893	36	1882, 94	2 · 74	—	—
Holyhead	29 · 941	55 · 8	53 · 6	60 · 8	52 · 5	78	1880	43	1873, 85	3 · 10	—	—
Liverpool	29 · 947	54 · 7	52 · 0	61 · 5	50 · 9	82	1880	39	1885	3 · 17	—	—
Parsonstown	29 · 948	52 · 8	50 · 9	61 · 7	47 · 2	79	1880	31	1877, 93	2 · 92	124 · 7	33
Valencia	29 · 961	56 · 4	54 · 1	61 · 8	51 · 3	78	1895	38	1872, 93	4 · 38	130 · 4	35
Roche's Point	29 · 963	55 · 6	53 · 4	61 · 7	51 · 0	74	1880	39	1893	3 · 74	—	—
Pembroke	29 · 962	56 · 2	54 · 0	60 · 3	53 · 1	74	1895	40	1885	3 · 32	146 · 5	39
Scilly	29 · 982	58 · 5	56 · 4	62 · 0	54 · 8	72	1880, 93, 95	44	1885, 88	3 · 28	—	—
Prawle Point	30 · 004	57 · 2	55 · 3	62 · 5	52 · 3	76*	1889	36*	1885	2 · 41	—	—
Jersey	30 · 003	60 · 2	57 · 2	65 · 8	54 · 9	86	1895	41	1891	2 · 96	183 · 4	49
Hurst Castle	30 · 002	57 · 3	55 · 7	64 · 6	52 · 3	77	1895	35	1885	2 · 76	—	—
Dover	29 · 981	57 · 9	55 · 5	63 · 7	53 · 2	77	1880	32	1885	2 · 53	—	—
LONDON	29 · 991	55 · 8	53 · 4	66 · 5	49 · 6	87	1880	30	1877	2 · 17	111 · 5†	30†
Oxford	29 · 985	53 · 9	52 · 0	64 · 3	48 · 8	83	1889, 95	33	1885	2 · 43	141 · 0	38
Cambridge	29 · 979	54 · 6	52 · 9	66 · 0	47 · 9	88	1880	31	1885	2 · 13	144 · 2	39
Yarmouth	29 · 959	56 · 4	54 · 4	62 · 3	51 · 3	78	1880	33	1885	2 · 64	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·1 in: and upwards in an anticyclone lying over the Bay of Biscay.
Lowest, 29·5 in: and less, in three depressions – one lying to the westward of Scotland, another over Germany, and the third over the Gulf of Genoa.
Gradients moderate or slight generally, but increasing over the west and north of our Islands.
Barometer falling again on our western and northern coasts – briskly in the extreme northwest; rising in all other parts of our area.

TEMPERATURE

Highest, 61° at Rocher P. and Perpignan, 59° at Valencia (Ireland) and Scilly, 58° at Parsemotown, and 57° at Rochefort and Nice.
Lowest, (1) 43° at Haparanda, 45° at Lerwick and Lerwick; (2) 46° at Belfast, and 47° at Berlin and Munich.
The maxima registered yesterday were below 60° at all but a few of our southern stations, and below 55° over the northern parts of our Islands generally.

WIND

S or SW on all our western and northern coasts, and fresh or strong in force in many places.
Light from the W. in the southeast of England; moderate to strong from the NW. over France.
A cyclonic circulation of light or moderate breezes is reported over Germany, but calms or variable breezes in Scandinavia.

WEATHER

Cloudy or dull over Western Europe generally, with rain in the northwestern parts of the United Kingdom and also in the west of Norway. Rain is falling at Belfast & Munich.
Fair at some of our east coast stations; fine and bright in the south of Sweden.
Rain fell yesterday in nearly all parts of our area, the largest amounts being 1·3 in: at Lerwick and C. Gris Nez, 1·1 in: at Belfast, and 0·8 in: at Shields and Paris.

SEA

Rough or rather so on our western coasts as well as at Cape Gris Nez, but moderate or slight elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The deep depression of yesterday has passed on to Germany, where it appears to be rapidly filling up. A new disturbance has, however, already begun to approach our extreme northwest coasts, and increasing winds are again probable in most parts of the United Kingdom, with rain in all districts.

FORECASTS

For the 24 hours ending at NOON on 27th SEPTr 1896.

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH 1 SCOTLAND EAST 2 ENGLAND N.E.	S. to W. or NW. winds, increasing in force; dull and rainy at first, some improvement later.
3 ENGLAND EAST 4 MIDLAND COUNTIES 5 ENGLAND SOUTH	SW. to W. winds, increasing in force; unsettled, rain at times.
6 SCOTLAND WEST	Same as Nos. 0 to 2
7 ENGLAND N.W. 8 ENGLAND S.W. 9 IRELAND NORTH 10 IRELAND SOUTH	SW. to W. or NW. winds, strong, a gale in places; unsettled, rain at times.
WARNINGS	The South Cone is still flying on all our coasts.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W. Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E. Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29.34	54	48	ESE	2	bc	1
Sumburgh Head	29.37	44	44	NE	1	r	2
Stornoway ...	29.46	52	49	N	4	c	4
Aberdeen	29.34	49	48	NNW	4	oqrq	4
Shields	29.18	51	51	NNE	5	r	5
Ardrossan	29.38	54	52	NNW	4	bc	2
Malin Head ...	29.50	52	46	N	8	c	6
Belmullet	29.67	55	55	NNW	5	bc	*
Holyhead	29.32	53	50	N	9	oqpu	8

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	29.79	58	51	NNW	7	bcq	6
Scilly	29.52	58	56	NW	10	c	7
Jersey	29.24	61	55	WNW	9	cqr	7
Hurst Castle ...	28.98	57	52	NW	6	o	4
Dungeness ...	28.75	60	58	WNW	5	o	5
North Foreland	28.80	56	55	W	3	r	3
London (Westminster)	28.81	55	53	NW	5	or	*
Yarmouth ...	28.76	57	55	ESE	6	c	5
Rochefort ...	29.52	63	57	SW	9	r	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning dull and rainy over nearly the whole of Great Britain, France and the Netherlands, but fair at most of the British stations. Fine in many parts of Germany and also in Portugal, northern Italy, and Greece; cloudy or dull over the northern and eastern parts of the Continent generally, with rain in some parts of Finland and Scandinavia. Some improvement taking place later over the eastern parts of Great Britain, but rain continuing in the east; large quantities reported at Sumburgh Hd and Shields and also over France and the Netherlands.

Temperature risen a little over England and also over Greece and the southern parts of Russia and Italy; fallen in most other localities. Morning readings highest 77° at Sfax, 73° at Malta, and 72° at Pabras and Algiers; above 65° at the Mediterranean stations generally. Lowest (1) 44° at Sumburgh Hd and 45° at Stornoway; (2) 44° at Belfast and Cracow, and 45° at Munich and Kinna. Daily maxima below 55° over the northern parts of our Islands generally, but thermometer touching 60° or a little more at some southern stations. Exceeding 65° in the south of France and reaching 75° at Perpignan.

Wind blowing a gale from the N. or NW. over our east and southwest coasts, from the W. or SW. over the Bay of Biscay, and from the S. or SE. over the southeast of England and the neighbouring parts of the Continent, but light to fresh from the E. on the northeast coasts of Great Britain. Moderate to strong from the SW. in Germany; S. or SE. over Northern Russia; E. in the extreme north of Scandinavia. Light and variable over Southern Europe generally, but NW. in the south of France. Subsequently shifting to the N. over England and blowing hard; gale in Ireland subsiding gradually.

Barometer highest 30.2 in. and upwards in an anticyclone lying over Portugal and the neighbouring parts of the Atlantic. Lowest 28.7 in. and less, in a deep depression having its centre over Cheshire; 29.2 in. and less, in a small shallow system near Harlstad. Depression subsequently travelling steadily in an east southeasterly direction across England, and reaching the Dutch coast by the evening.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.
" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Sunday 27th Sept. 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	29.73	45	2	0	bc	29.75	+ .15	47	?	+ 4	2	0	c	*	bc	*	50	43	0.12
	Hernösand ...	29.72	49	S	2	b	29.76	+ .14	51	49	+ 2	S	8	0	*	b	*	55	45	—
	Stockholm ...	29.86	50	2	0	c	29.96	+ .24	50	49	0	S	2	b	*	c	*	59	43	—
	Wisby	29.88	51	W	4	c	30.01	+ .25	50	49	— 1	SSW	4	b	*	c	*	57	41	0.08
	Karlstad ...	29.77	52	S	2	b	29.83	+ .18	50	48	— 6	SSW	6	0	*	b	*	*	*	0.12
	Bodö	29.63	48	2	0	r	29.45	— .08	50	46	0	E	1	c	1	r	*	54	43	0.20
	Christiansund ...	29.57	47	NE	1	bc	29.26	— .33	52	46	+ 3	ESE	5	0	3	bc	*	52	46	0.08
	Skudesnaes ...	29.64	53	S	6	0	29.52	— .08	54	53	+ 8	S	7	r	5	0	*	57	45	*
	Færder (Christiania Fjord)	29.71	53	SSW	4	c	29.71	+ .09	55	53	+ 2	S	4	0	3	c	*	55	52	0.59
	Skagen (The Scaw)	29.77	55	SW	3	b	29.78	+ .13	54	51	+ 1	SW	4	0	1	b	*	59	52	—
	Fano	29.77	49	SSW	2	b	29.79	+ .16	56	54	+ 7	SSW	5	c	*	b	*	61	48	—
	Sumburgh Head	29.28	48	SSE	3	r	29.21	— .35	49	45	+ 4	WNW	3	0	4	r	*	52	45	0.09
	Stornoway ...	29.32	53	W	4	0	29.23	— .20	45	45	— 4	WNW	2	r	2	0	0.0	55	40	0.16
	Wick	29.32	52	W	6	0	29.24	— .29	45	45	— 4	NW	1	r	1	0	*	62	45	0.08
	Nairn	29.36	56	WSW	2	c	29.23	— .30	45	45	— 1	2	0	r	1	c	*	58	44	0.22
	Aberdeen ...	29.42	52	S	2	0g	29.16	— .45	51	51	+ 4	SE	6	or gg	6	g, 0g	0.4	53	47	0.15
BRITISH ISLANDS.	Leith	29.51	54	W	2	c	29.16	— .45	63	61	+ 7	SW	6	bc	*	c	*	63	45	0.07
	Shields	29.60	53	SW	3	0	29.40	— .29	55	53	+ 8	SSW	4	b	3	of	*	55	46	—
	Spurn Head ...	29.69	52	SSW	4	0	29.61	— .14	55	54	+ 5	S	4	c	4	o, p	*	56	50	0.01
	York	29.67	53	S	1	0	29.52	— .22	56	54	+ 9	S	3	c	*	0	0.3	56	45	—
	Loughborough ...	29.74	51	W	2	c	29.69	— .11	56	54	+ 6	SW	5	cqw	*	of, c, bc	*	59	50	0.01
	Ardrossan ...	29.56	54	WSW	5	cf	29.10	— .47	49	49	— 1	SSE	7	om	6	of, cf	*	56	48	0.33
	Malin Head ...	29.60	54	W	6	cw	29.14	— .29	47	46	— 4	N	5	0	3	cw, r	*	55	46	1.28
	Belmullet ...	29.74	54	W	3	bc	29.34	— .21	?49	48	— 7	WNW	3	0	*	r, bc	*	60	48	0.90
	Donaghadee ...	29.67	55	WSW	6	bc	29.21	— .39	59	59	+ 10	SW	7	0	5	bc	*	62	47	0.06
	Liverpool (Bidston)	29.72	57	W	5	0	29.50	— .24	65	60	+ 17	W	5	0	3	c, 0	*	65	46	0.02
	Holyhead ...	29.77	57	W	5	c	29.44	— .24	59	58	+ 9	SSW	8	og	6	cf, c	*	60	49	0.03
	Parsonstown ...	29.80	55	2	0	0	29.34	— .28	57	55	— 1	W	2	or	*	bc, 0	4.5	62	52	0.11
	Valencia ...	29.88	57	SW	3	0	29.52	— .29	54	52	— 5	SW	6	ogg	4	c, 0	3.9	61	53	0.11
	Roche's Point ...	29.85	58	W	1	b	29.49	— .22	58	58	— 3	SW	8	r	5	b	*	64	55	0.10
	Pembroke (St. Ann's Hd.)	29.86	58	NW	5	b	29.61	— .15	60	?	+ 3	W	7	0	5	b	5.5	60	55	0.02
	Scilly	29.94	59	W	4	c	29.77	— .12	60	60	+ 1	SSW	5	m	4	c	2.7	61	55	0.02
	Prawle Point ...	29.89	57	W	4	bc	29.83	— .09	58	57	+ 6	SW	6	rm	5	bc, rf	*	60	52	0.09
	Jersey (St. Aubin's)	29.92	61	WNW	5	od	29.96	— .03	61	60	+ 3	SW	5	odm	4	od	*	63	55	0.7
	Hurst Castle ...	29.82	60	WNW	2	c	29.86	— .04	60	59	+ 7	SW	4	odf	2	c	*	62	52	0.06
	Dungeness ...	29.79	56	SSW	4	dm	29.84	+ .01	59	57	+ 7	WSW	4	c	3	r	*	60	52	0.01
	North Foreland	29.80	55	SSW	3	dm	29.84	+ .03	59	56	+ 6	SW	4	bw	3	r	*	59	51	0.02
	London (Brixton) ...	29.80	55	WNW	2	c	29.57	— .05	57	55	+ 7	SW	4	c	*	odf, c, bw	0.0	57	50	0.01
	Oxford	29.83	56	SW	2	b	29.76	— .09	56	55	+ 6	S	2	0	*	ofb, r	*	58	49	0.02
	Cambridge ...	29.78	53	SW	1	0	29.78	— .04	54	54	+ 4	SSW	2	cw	*	0	0.0	56	47	—
	Yarmouth ...	29.76	54	SW	2	bc	29.78	+ .03	55	53	+ 2	SW	3	b	3	bc	*	56	50	—
GERMANY & HOLLAND.	Cuxhaven ...	29.73	55	N	1	b	29.84	+ .26	51	51	+ 1	SSW	2	c	*	b	*	55	45	—
	Berlin	29.80	55	2	0	c	29.99	+ .43	46	45	— 1	W	2	b	*	c	*	61	45	—
	Wiesbaden ...	*	*	*	*	*	30.05	+ .56	50	49	— 2	SW	1	b	*	*	*	59	45	—
	Munich	29.93	48	W	5	r	30.12	+ .60	48	47	+ 1	W	4	0	*	r	*	50	46	0.24
	The Helder ...	29.80	55	WSW	1	bc	29.82		56	55		SSW	1	0	1	bc	*	59	55	0.12
BELGIUM.	Brussels ...	*	*	*	*	*	29.95	+ .21	55	54	0	SW	2	0	*	0	*	61	51	0.04
	Cape Gris Nez ...	29.78	53	SW	5	r	29.83	+ .09	58	57	+ 5	W	4	c	4	r	*	59	53	0.04
	Paris	29.99	51	SSW	2	0	30.02	+ .19	54	54	0	WSW	1	b	*	0	*	59	51	0.12
	Brest ...																*			
	Lorient	30.03	58	W	5	0	29.99	— .07	57	54	+ 1	WSW	4	0	2	0	*	61	50	0.08
FRANCE &	Rochefort ...	30.11	64	WNW	5	f	30.11	.00	63	63	+ 6	NW	4	f	*	f	*	64	57	0.04
	Belfort	30.00	50	WSW	3	0	30.06	+ .44	48	48	+ 2	2	0	c	*	0	*	58	46	0.12
	Lyons	30.08	52	NW	3	r	30.08	+ .27	51	49	— 1	NNE	1	0	*	r	*	58	49	0.04
	Nice	29.59	68	W	1	b	29.82	+ .39	62	50	+ 5	E	1	b	2	b	*	77	55	—
	Perpignan ...	30.01	68	NW	6	b	29.98	— .01	70	61	+ 9	NW	5	b	*	b	*	71	?	—
	Biarritz ...																*			
PENINSULA.	Corunna ...	30.31	64	NW	2	b	30.19	— .16	60	59	0	SW	2	0	4	b	*	68	54	—
	Lisbon	30.15	68	N	4	b	30.10	— .12	67	60	+ 2	NNE	2	b	*	b	*	81	63	—
	Azores (P. Delgada)																*			

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

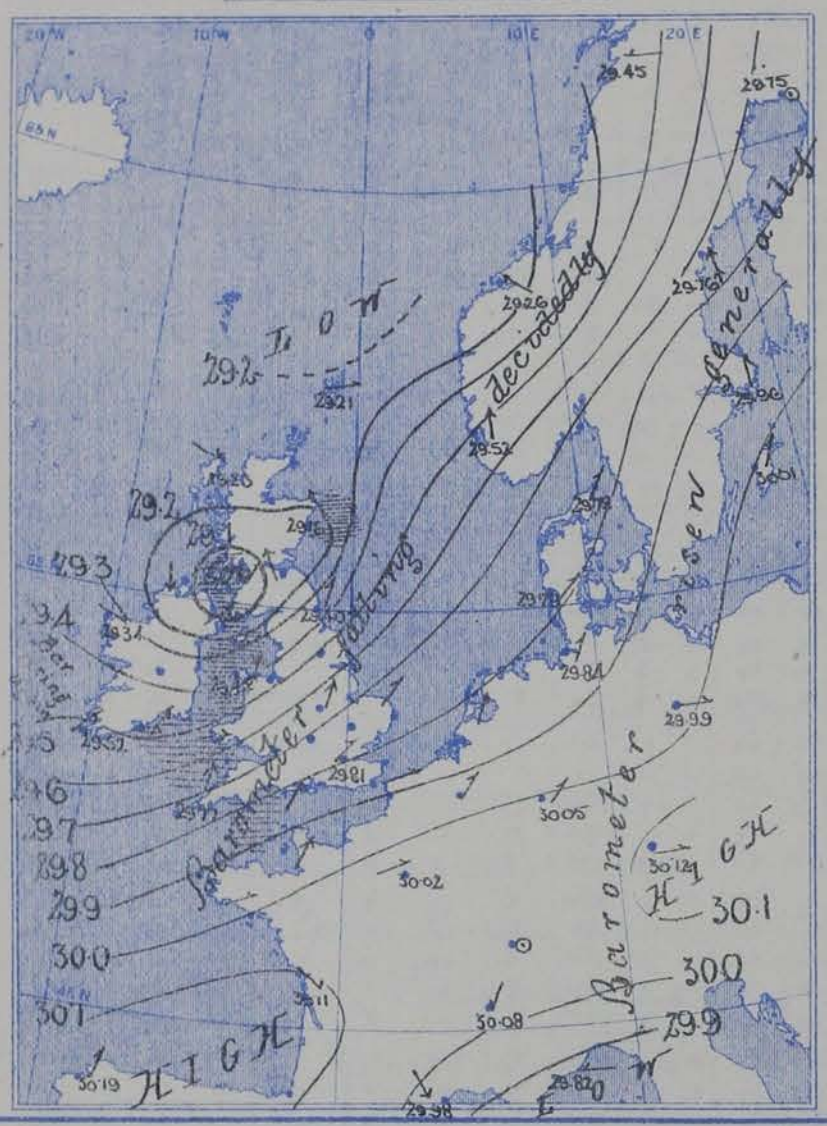
Bright Sunshine yesterday Southport 0.3 hrs; Eastbourne 0.0 hrs; Lastinas, ? hrs.

WEATHER CHARTS

FOR SUNDAY, 27TH SEPT.R, 1896.

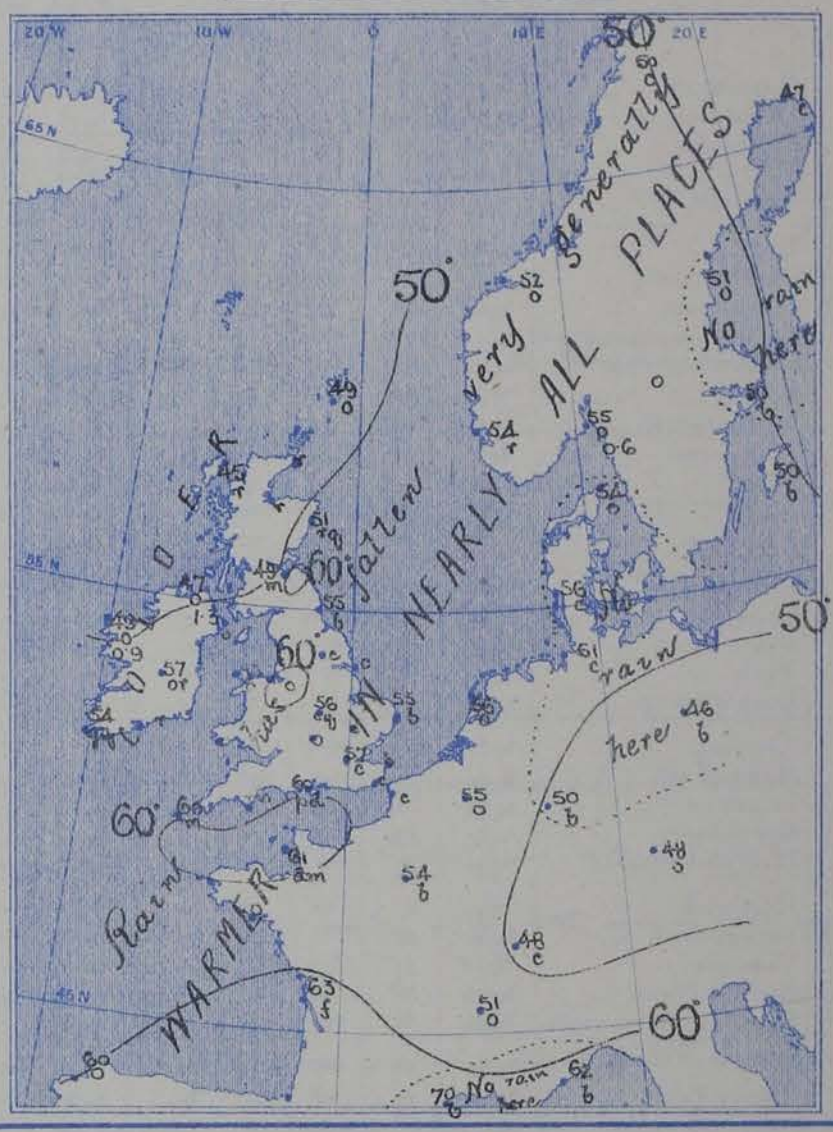
BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.
Force above 10 ; *Force 5 to 7* ; *Force 8 to 10* ; *Force 1 to 4* ; Calm ⊙
SEA—Rough ; *High*



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.
RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF SEPTEMBER.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of: Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Absolute Extremes: Maximum.	Years.	Minimum.	Years.	RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95. Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29 · 793	50 · 8	42 · 1	55 · 0	46 · 1	68	1880	34	1887, 88	3 · 38	—	—
Stornoway	29 · 814	51 · 5	50 · 2	56 · 5	45 · 8	69	1895	32	1871, 75, 85	4 · 09	103 · 3	27
Wick	29 · 831	52 · 0	50 · 1	57 · 8	45 · 7	74	1884, 91	29	1885, 87	2 · 51	—	—
Nairn	29 · 843	51 · 5	49 · 1	59 · 5	46 · 2	77	1895	25	1892	2 · 48	—	—
Aberdeen	29 · 863	52 · 3	49 · 8	59 · 3	46 · 6	79	1891	30	1887	2 · 89	124 · 2	33
Leith	29 · 887	53 · 3	50 · 8	62 · 0	47 · 5	81	1873, 91	33	1886	2 · 19	—	—
Shields	29 · 910	53 · 2	51 · 0	60 · 1	48 · 2	79	1895	34	1885, 89, 93	2 · 30	—	—
Spurn Head	29 · 947	55 · 6	53 · 8	60 · 7	52 · 5	75*	1895	38*	1892	1 · 83	—	—
York	29 · 896	52 · 9	51 · 0	63 · 2	47 · 5	83	1895	30	1885	2 · 45	118 · 4	32
Loughborough	29 · 971	53 · 6	51 · 9	65 · 4	47 · 6	86*	1891, 95	30*	1885, 94	2 · 50	—	—
Ardrossan	29 · 892	53 · 7	51 · 6	59 · 7	49 · 4	78	1880	32	1885	3 · 38	—	—
Donaghadee	29 · 916	53 · 6	52 · 4	60 · 0	49 · 4	71	1893	36	1882, 94	2 · 74	—	—
Holyhead	29 · 941	55 · 8	53 · 6	60 · 8	52 · 5	78	1880	43	1873, 85	3 · 10	—	—
Liverpool	29 · 947	54 · 7	52 · 0	61 · 5	50 · 9	82	1880	39	1885	3 · 17	—	—
Parsonstown	29 · 948	52 · 8	50 · 9	61 · 7	47 · 2	79	1880	31	1877, 93	2 · 92	124 · 7	33
Valencia	29 · 961	56 · 4	54 · 1	61 · 8	51 · 3	78	1895	38	1872, 93	4 · 38	130 · 4	35
Roche's Point	29 · 963	55 · 6	53 · 4	61 · 7	51 · 0	74	1880	39	1893	3 · 74	—	—
Pembroke	29 · 962	56 · 2	54 · 0	60 · 3	53 · 1	74	1895	40	1885	3 · 32	146 · 5	39
Scilly	29 · 982	58 · 5	56 · 4	62 · 0	54 · 8	72	1880, 93, 95	44	1885, 88	3 · 28	—	—
Prawle Point	30 · 004	57 · 2	55 · 3	62 · 5	52 · 3	76*	1889	36*	1885	2 · 41	—	—
Jersey	30 · 003	60 · 2	57 · 2	65 · 8	54 · 9	86	1895	41	1891	2 · 96	183 · 4	49
Hurst Castle	30 · 002	57 · 3	55 · 7	64 · 6	52 · 3	77	1895	35	1885	2 · 76	—	—
Dover	29 · 981	57 · 9	55 · 5	63 · 7	53 · 2	77	1880	32	1885	2 · 53	—	—
LONDON	29 · 991	55 · 8	53 · 4	66 · 5	49 · 6	87	1880	30	1877	2 · 17	111 · 5†	30†
Oxford	29 · 985	53 · 9	52 · 0	64 · 3	48 · 8	83	1880, 95	33	1885	2 · 43	141 · 0	38
Cambridge	29 · 979	54 · 6	52 · 9	66 · 0	47 · 9	88	1880	31	1885	2 · 13	144 · 2	39
Yarmouth	29 · 959	56 · 4	54 · 4	62 · 3	51 · 3	78	1880	33	1885	2 · 64	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·1 in: and upwards over the southwest of France, the southern parts of the Bay of Biscay, and the western and northern parts of the Spanish Peninsula; 30·0 in: and upwards over the Baltic.
Lowest, 29·1 in: and less, in a well marked depression off the southwest of Scotland; 29·2 in: and less, in another disturbance over the Baltic.
Gradients rather steep over North-western Europe generally, but slight over France, Germany, and Spain.
Barometer falling over nearly the whole of our Islands and Norway — briskly in the north, but rising again at Valencia (Ireland).

TEMPERATURE

Highest, (1) 70° at Perpignan, 69° at Lisbon, 63° at Rochefort, and 62° at Nice; (2) 65° at Liverpool, and 63° at Leith.
Lowest, (1) 45° at Stornoway, Wick and Nairn, and 47° at Stornoway; (2) 46° at Berlin, and 48° at Munich and Belfast; (3) 47° at Haparanda.
A considerable rise has taken place since yesterday on all but extreme western and northern coasts.

WIND

SW over the greater part of Ireland, England, and neighbouring portions of the Continent; strong in force on our western coasts, with a gale at Holyhead & Rockes Pt.
Fresh from the N. in the extreme north of Ireland; strong from the SE. over the eastern and central parts of Scotland; light from the W. in the north of Scotland.
S or SE in Scandinavia, with a gale at Hernösand; N (NE to NW) in the south of France.

WEATHER

Fair or fine over the eastern parts of England and also in the southeast of Scotland; dull in other parts of our Islands, with rain in the north of Scotland and the south of Ireland.
Fine at several of the French and German stations, and also in the south of Sweden; dull in Norway, with rain at Skudesnaes.
Since yesterday morning rain has fallen in most parts of Western Europe — heavily in the north of Ireland.

SEA

Rough or rather so on our western coasts and also off the east of Scotland, moderate or slight elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 28th SEPT: 1896.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	NONE ISSUED	6 SCOTLAND WEST	NONE ISSUED.
1 SCOTLAND EAST		7 ENGLAND N.W.	
2 ENGLAND N.E.		8 ENGLAND S.W.	
3 ENGLAND EAST		9 IRELAND NORTH	
4 MIDLAND COUNTIES		10 IRELAND SOUTH	
5 ENGLAND SOUTH		WARNINGS	At 9·30 am to all coasts "Hoist S. Cone".

Note.—The **South Cone**, *point downwards* ( ), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* ( ), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.		BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29.66	57	51	S	2	bc	2	Valencia	29.89	59	56	W	5	c	6
Sumburgh Head	29.45	50	46	SSE	3	c	3	Scilly	29.91	61	59	W	6	c	4
Stornoway	29.27	55	55	W	3	o	3	Jersey	29.89	62	61	W	5	od	4
Aberdeen	29.50	49	48	S	4	ogq	4	Hurst Castle ...	29.78	58	57	SSW	5	dm	3
Shields	29.61	51	51	SSW	2	o	3	Dungeness ...	29.83	57	52	WSW	4	c	3
Ardrossan	29.56	56	55	SW	4	o	4	North Foreland	29.83	56	51	W	3	o	3
Malin Head ...	29.53	55	53	W	6	c	4	London (Westminster)	29.80	52	51	SW	2	odg	*
Belmullet	29.72	57	54	WNW	3	o	*	Yarmouth ...	29.76	56	51	W	3	bc	3
Holyhead	29.68	60	57	W	5	cp	3	Rochefort ...	30.16	63	61	NW	5	c	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning cloudy or dull in most parts of our Islands and the Continent, with rain on our northwest coasts as well as in the west of Norway, South Germany, and the neighbouring parts of France and Austria. Fair on the East coasts of Great Britain; fine and bright in the south of Sweden and also over the eastern parts of the Spanish Peninsula (Italian reports not received) Rain falling later over Western Europe generally, — heavily at night in the north of Ireland.

Temperature fallen in England and France, and also over Poland and the Baltic Provinces, risen in most other localities. Morning readings highest 77° at Sfax, 76° at Oran, 75° at Nemours & Algiers, and 74° at Athens; above 65° at most of the Mediterranean and Adriatic stations. Lowest (1) 41° at Hangö, 42° at Cracow, and 43° at Haparanda, Newfahrwasser, and Warsaw; (2) 45° at Sumburgh Hd and 46° at Nairn and Leith. Daily maxima very little above 55° at any of our own northern and eastern stations, and below it in some places. Rising to 70° and upwards in the south of France and reaching 81° at Lisbon.

Wind strong from the S^ly in the western part of the United Kingdom, but light from the SW^ly at all our most eastern stations. Fresh or strong from the NW^ly over France; N^ly on the Portuguese coasts. Calm at many of the Scandinavian stations; light from the S^ly or SE^ly in Russia. Cyclonic circulation of light or moderate breezes reported over Germany; E^ly winds in Austria, S^ly gales over the Adriatic. Subsequently veering to the W^ly on our western coasts; strong S^ly winds setting in in the west of Norway.

Barometer highest 30.2 ins. and upwards, in an anticyclone lying over the northwestern part of the Spanish Peninsula; 29.9 ins. and upwards in a large area covering the greater part of Russia. Lowest 29.3 ins. and less, in a well marked depression over the Adriatic; 29.5 ins. and less, in three other systems: one lying over the Gulf of Genoa, another over Germany, and the third off the west of Scotland. Scotch depression subsequently moving away to the northeastward, but barometer remaining rather unsteady on our western coasts.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.
" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Monday, 28th September, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min	Rainfall.
		Ins.	°				Ins.	Ins	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	29.78	50	S	4	bc	29.76	+.01	50	46	+ 3	S	4	bc	*	bc	*	54	37	-
	Hernösand ...	29.71	54	S	9	c	29.61	-.15	53	50	+ 2	S	8	o	*	c	*	57	46	-
	Stockholm ...	29.87	52	SW	4	bc	29.73	-.23	52	50	+ 2	SE	4	b	*	bc	*	57	46	-
	Wisby	29.96	49	SSW	4	b	29.76	-.25	53	50	+ 3	S	4	c	*	b	*	61	43	-
	Karlstad ...	29.69	55	S	8	o	29.52	-.31	52	51	+ 2	SSE	6	r	*	o.r	*	*	*	?
	Bodö	29.34	53	SE	2	o	29.23	-.22	50	47	0	SW	8	r	5	o	*	54	46	-
	Christiansund ...	29.02	52	NE	5	bc	29.17	-.09	49	43	- 3	W	4	b	4	bc	*	54	48	-
	Skudesnaes ...	29.13	57	S	9	r	29.49	-.03	50	46	- 4	SW	7	r	6	rf	*	57	46	*
	Færder (Christiania Fjord)	29.56	56	SSE	7	o	29.49	-.22	55	53	0	SW	4	o	5	r	*	?	?	0.24
	Skagen (The Scaw)	29.60	57	SSW	8	o	29.50	-.28	52	50	- 2	W	2	o	1	o	*	57	?	0.20
	Fanö	29.58	56	SSW	6	r	29.54	-.25	53	52	- 3	W	1	r	*	r	*	61	53	0.24
BRITISH ISLANDS.	Sumburgh Head	28.98	44	NW	2	r	29.29	+.08	48	44	- 1	WNW	4	c	4	r	*	51	44	0.45
	Stornoway ...	29.24	48	WNW	3	c	29.50	+.27	44	44	- 1	W	3	bc	0	op,c	2.2	51	34	0.19
	Wick	29.16	45	NW	5	r	29.47	+.23	47	46	+ 2	NW	4	bc	2	r	*	47	40	0.70
	Nairn	29.26	44	WNW	1	o	29.50	+.27	46	46	+ 1	W	1	o	1	r.o	*	48	38	0.72
	Aberdeen ...	29.30	43	SW	3	b	29.56	+.40	48	44	- 3	SW	3	bw	2	r.b	0.7	57	34	0.58
	Leith	29.34	50	W	4	b	29.59	+.43	48	46	- 15	WSW	4	c	*	b	*	65	42	0.09
	Shields	29.41	52	WSW	3	b	29.65	+.25	50	47	- 5	WSW	3	c	2	p.b	*	65	41	-
	Spurn Head ...	29.48	55	WSW	4	o	29.70	+.09	49	47	- 6	WNW	5	b	4	bc,gp	*	66	45	0.08
	York	29.47	53	SW	4	c	29.72	+.20	47	44	- 9	W	1	b	*	c	3.5	67	42	0.13
	Loughborough ...	29.57	53	W	5	c	29.80	+.11	46	44	- 10	W	4	b	*	gp.bcg	*	68	44	0.19
	Ardrossan ...	29.38	49	W	3	op	29.64	+.54	48	48	- 1	W	4	cgp	4	op	*	54	40	0.33
	Malin Head ...	29.41	45	W	3	or	29.69	+.55	49	46	+ 2	WNW	5	cgr	3	or	*	50	44	0.90
	Belmullet ...	29.45	48	WNW	3	o	29.88	+.54	51	50	+ 2	NW	5	bcgp	*	c,ogp	*	52	48	0.45
	Donaghadee ...	29.45	47	SW	5	o	29.76	+.55	46	44	- 13	WSW	4	bc	3	o	*	60	41	0.23
	Liverpool (Bidston)	29.51	51	WSW	4	bc	29.78	+.28	51	46	- 14	W	6	bc	5	gp.bc	*	67	44	0.57
	Holyhead ...	29.53	51	W	7	bcgp	29.83	+.39	50	47	- 9	W	6	c	5	bc,gp.l	*	59	46	0.27
	Parsonstown ...	29.54	49	W	0	o	29.97	+.63	46	44	11	W	1	b	*	c,o,p	3.5	57	42	0.16
	Valencia ...	29.64	51	WSW	7	cgp	30.06	+.54	52	47	- 2	WNW	5	cgp	6	cgp	4.5	57	47	0.18
	Roche's Point ..	29.65	51	WNW	5	p	30.01	+.52	51	48	- 7	NW	4	bc	4	p,g	*	61	45	0.15
	Pembroke (St. Ann's Hd.)	29.63	55	WNW	7	o	29.94	+.33	53	49	- 7	NW	6	bcg	5	c,o	2.9	60	49	0.65
	Scilly	29.82	56	WNW	5	c	30.03	+.26	55	50	- 5	WNW	5	c	5	c	2.1	61	50	0.07
	Prawle Point ...	29.77	57	W	6	c	30.01	+.18	52	48	- 6	WNW	3	b	2	cfr.c	*	59	50	0.19
	Jersey (St. Aubin's)	29.83	59	W	5	orm	30.00	+.04	56	50	- 5	NW	5	bc	4	o,d	*	60	53	0.14
	Hurst Castle ...	29.72	56	W	5	op	29.99	+.13	51	48	- 9	W	3	b	3	op	*	62	48	0.07
	Dungeness ...	29.65	63	SW	6	o	29.82	-.02	53	49	- 6	W	4	bc	3	o,gp	*	64	48	0.01
	North Foreland	29.66	63	SW	5	o	29.80	-.04	50	48	- 9	W	5	b	4	o	*	63	46	0.08
	London (Brixton) ...	29.67	56	W	2	or	29.85	+.04	49	45	- 8	WNW	3	bv	*	o,gr.b	0.3	65	45	0.10
	Oxford	29.69	51	WSW	2	b	29.88	+.12	48	46	- 8	W	3	b	*	o.rg	*	66	43	0.16
	Cambridge ...	29.62	55	SW	4	ov	29.81	+.03	49	45	- 6	W	3	b	*	c,ov	2.4	68	44	0.03
	Yarmouth ...	29.55	63	SW	5	c	29.72	-.06	49	46	- 6	W	5	bc	3	c	*	64	45	0.04
GERMANY & HOLLAND.	Cuxhaven ...	29.75	56	S	3	c	29.60	-.24	54	54	+ 3	SW	2	r	*	c,r	*	?	45	0.35
	Berlin	29.93	53	SW	2	b	29.74	-.25	52	51	+ 6	SSE	2	o	*	b	*	61	46	-
	Wiesbaden ...	*	*	*	*	*	29.78	-.27	57	56	+ 7	2	0	o	*	*	*	59	50	-
	Munich... ..	30.04	48	SW	3	b	29.96	-.16	51	49	+ 3	W	3	o	*	b	*	57	43	-
	The Helder ...																*			
BELGIUM.	Brussels ...	*	*	*	*	*	29.84	-.11	52	50	- 3	SW	3	bc	*	o	*	64	50	0.04
	Cape Gris Nez...	29.87	61	?	5	o	29.73	-.10	53	50	- 5	WNW	5	bc	5	o	*	63	48	0.04
	Paris	29.91	62	SSW	2	o	29.95	-.07	50	48	- 4	SW	2	bc	*	o	*	68	50	0.04
	Brest	29.91	54	SSW	2	f	30.06		54	50		SSW	4	c	4	f	*	61	50	-
	Lorient... ...	29.92	57	WSW	5	o	30.05	+.06	54	51	- 3	NW	5	bc	3	o	*	61	46	-
FRANCE &	Rochefort ...	30.06	64	NW	3	o	30.08	-.03	57	55	- 6	N	4	o	*	o	*	68	54	0.04
	Belfort	29.97	55	W	1	m	29.90	-.16	54	54	+ 6	SSW	2	m	*	m	*	63	48	-
	Lyons	30.02	59	N	1	b	30.00	-.08	57	55	+ 6	SE	1	o	*	b	*	64	51	-
	Nice	29.83	64	W	1	b	29.89	+.07	60	51	- 2	E	1	b	1	b	*	75	55	-
	Perpignan ...	29.93	71	NW	5	b	29.98	.00	67	62	- 3	W	2	bc	*	b	*	79	61	-
	Biarritz ...	30.02	67	NW	2	b	30.04		63	62		SSW	3	r	3	b	*	70	61	0.08
PENINSULA.	Corunna ...																*			
	Lisbon	30.02	67	N	6	bc	29.99	-.11	65	61	- 2	N	4	bc	*	bc	*	84	64	-
	Azores (P. Delgada)	30.27	69	NE	1	b	30.25		70	68		N	1	b	2	b	*	79	68	

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

Bright Sunshine yesterday: Southport 1.5 hrs.; Eastbourne 0.1 hrs.; Hastings 0.2 hrs.

WEATHER CHARTS

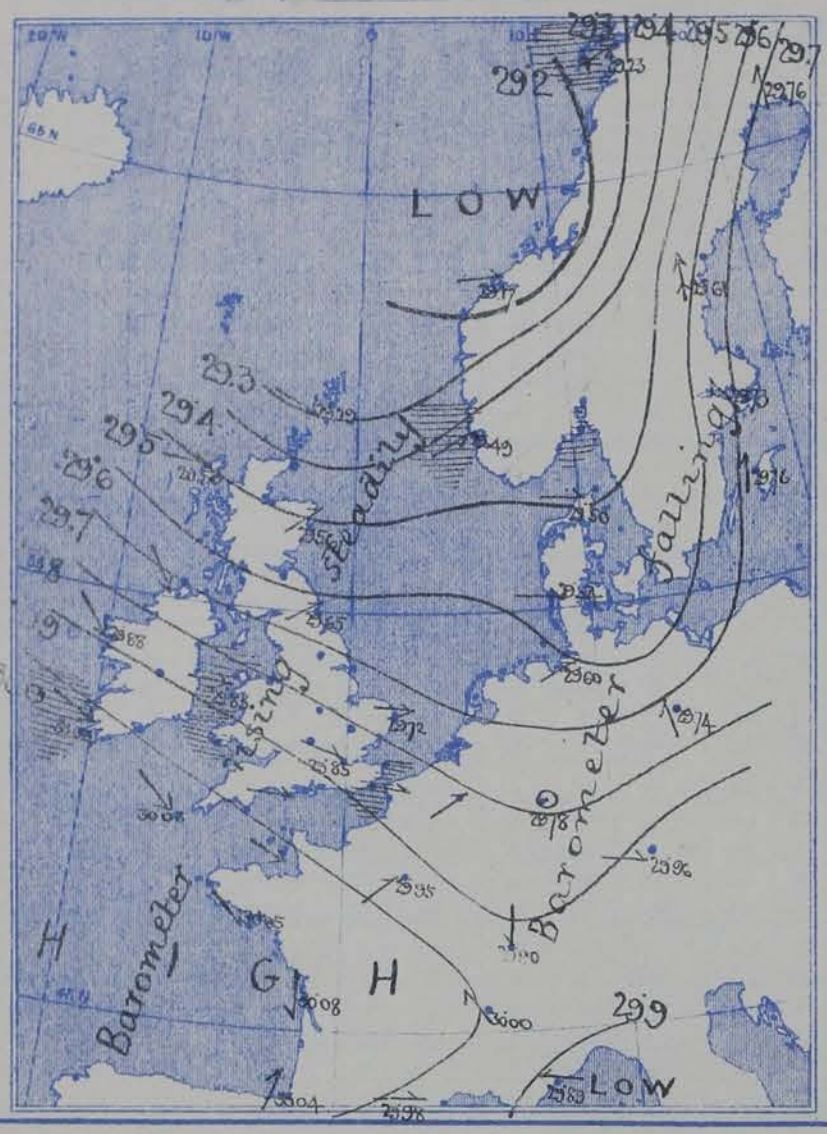
FOR Monday, 28th September, 1896.

BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.

Force above 10 ⟶ ; *Force 5 to 7* ⟶ ; } Calm ⊙
Force 8 to 10 ⟶ ; *Force 1 to 4* ⟶ ; }

SEA—Rough : *High*



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL— *A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.*

VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF SEPTEMBER.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of: Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Absolute Extremes: Maximum.	Years.	Minimum.	Years.	RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95. Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29 · 793	50 · 8	49 · 1	55 · 0	46 · 1	68	1880	34	1887, 88	3 · 38	—	—
Stornoway	29 · 814	51 · 5	50 · 2	56 · 5	45 · 8	69	1895	32	1871, 75, 85	4 · 09	103 · 3	27
Wick	29 · 831	52 · 0	50 · 1	57 · 8	45 · 7	74	1884, 91	29	1885, 87	2 · 51	—	—
Nairn	29 · 843	51 · 5	49 · 1	59 · 5	46 · 2	77	1895	25	1892	2 · 48	—	—
Aberdeen	29 · 863	52 · 3	49 · 8	59 · 3	46 · 6	79	1891	30	1887	2 · 89	124 · 2	33
Leith	29 · 887	53 · 3	50 · 8	62 · 0	47 · 5	81	1873, 91	33	1886	2 · 19	—	—
Shields	29 · 910	53 · 2	51 · 0	60 · 1	48 · 2	79	1895	34	1885, 89, 93	2 · 30	—	—
Spurn Head	29 947	55 · 6	53 · 8	60 · 7	52 · 5	75*	1895	38*	1892	1 · 83	—	—
York	29 · 896	52 · 9	51 · 0	63 · 2	47 · 5	83	1895	30	1885	2 · 45	118 · 4	32
Loughborough	29 · 971	53 · 6	51 · 9	65 · 4	47 · 6	86*	1891, 95	30*	1885, 94	2 · 50	—	—
Ardrossan	29 · 892	53 · 7	51 · 6	59 · 7	49 · 4	78	1880	32	1885	3 · 38	—	—
Donaghadee	29 · 916	53 · 6	52 · 4	60 · 0	49 · 4	71	1893	36	1882, 94	2 · 74	—	—
Holyhead	29 · 941	55 · 8	53 · 6	60 · 8	52 · 5	78	1880	43	1873, 85	3 · 10	—	—
Liverpool	29 · 947	54 · 7	52 · 0	61 · 5	50 · 9	82	1880	39	1885	3 · 17	—	—
Parsonstown	29 · 948	52 · 8	50 · 9	61 · 7	47 · 2	79	1880	31	1877, 93	2 · 92	124 · 7	33
Valencia	29 · 961	56 · 4	54 · 1	61 · 8	51 · 3	78	1895	38	1872, 93	4 · 38	130 · 4	35
Roche's Point	29 · 963	55 · 6	53 · 4	61 · 7	51 · 0	74	1880	39	1893	3 · 74	—	—
Pembroke	29 · 962	56 · 2	54 · 0	60 · 3	53 · 1	74	1895	40	1885	3 · 32	146 · 5	39
Scilly	29 · 982	58 · 5	56 · 4	62 · 0	54 · 8	72	1880, 93, 95	44	1885, 88	3 · 28	—	—
Prawle Point	30 · 004	57 · 2	55 · 3	62 · 5	52 · 3	76*	1889	36*	1885	2 · 41	—	—
Jersey	30 · 003	60 · 2	57 · 2	65 · 8	54 · 9	86	1895	41	1891	2 · 96	183 · 4	49
Hurst Castle	30 · 002	57 · 3	55 · 7	64 · 6	52 · 3	77	1895	35	1885	2 · 76	—	—
Dover	29 · 981	57 · 9	55 · 5	63 · 7	53 · 2	77	1880	32	1885	2 · 53	—	—
LONDON	29 · 991	55 · 8	53 · 4	66 · 5	49 · 6	87	1880	30	1877	2 · 17	111 · 5†	30†
Oxford	29 · 985	53 · 9	52 · 0	64 · 3	48 · 8	83	1880, 95	33	1885	2 · 43	141 · 0	38
Cambridge	29 · 979	54 · 6	52 · 9	66 · 0	47 · 9	88	1880	31	1885	2 · 13	144 · 2	39
Yarmouth	29 · 959	56 · 4	54 · 4	62 · 3	51 · 3	78	1880	33	1885	2 · 64	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·0 ins: and upwards in an anticyclone extending from the Atlantic over the extreme southwest of our Islands, the west of France and the northern parts of the Spanish Peninsula.
Lowest, 29·2 ins: and less, in a depression lying off the west of Norway.
Gradients moderate or slight generally, but rather steep over Scandinavia.
Barometer rising in our Islands and France and also in the west of Norway, falling in Sweden, Denmark and Germany.

TEMPERATURE

Highest, 65° at Hythe, 63° at Biarritz, 60° at Nice, 57° at Rochefort and 56° at Jersey.
Lowest, 44° at Stornoway, 46° at Nairn, Loughbrickland, Donaghadee and Ballycastle, and 47° at Wick and York.
During yesterday the thermometer rose to 65° and upwards at many of the English stations and to 63° at Jersey.

WIND

W. or NW. over the greater part of our Islands and the north of France, and strong in force at many of our western stations.
Light from the SW. on the northeast coasts of Great Britain, and strong from the same quarter or from S. in Scandinavia, with a gale at Lund.
Variable over the southern parts of France and Germany.

WEATHER

Fine in most parts of the United Kingdom and France, but showery in the west and north of Ireland, dull in the southwest of France with rain at Biarritz.
Dull over the greater part of Scandinavia, Denmark and Germany, with rain in many places.
Rain fell yesterday over nearly the whole of Western Europe, the largest amounts being 0·9 in: at Malin Hd., 0·7 in: at Wick, Nairn and Pembroke, and 0·6 in: at Aberdeen and Liverpool. Lightning was seen last night at Holyhead.

SEA

Rather rough on our western coasts and also at Cape Gris Nez, but moderate or slight elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The barometer is at present rising steadily in the west, and there are no definite indications of the approach of any new disturbance. The general appearance is, however, not yet settled.

FORECASTS

For the 24 hours ending at NOON on 29th Sept. 1896.

DISTRICTS.	FORECASTS.
1 SCOTLAND NORTH 2 SCOTLAND EAST	W. to SW. winds, fine at first, some rain later.
3 ENGLAND N.E. 4 ENGLAND EAST 4 MIDLAND COUNTIES	Same as No. 5.
5 ENGLAND SOUTH	W. and NW. winds, strong in places; fair generally, but local showers.
6 SCOTLAND WEST 7 ENGLAND N.W. 8 ENGLAND S.W. 9 IRELAND NORTH 10 IRELAND SOUTH	NW. to W. winds, strong; squally, some showers.
WARNINGS	The SOUTH CONE is still flying on all our coasts.

Note.—The **South Cone**, *point downwards* ( ), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* ( ), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29.30	54	52	S	10	rf	7
Sumburgh Head							
Stornoway	29.23	49	47	NNW	2	op	2
Aberdeen							
Shields							
Ardrossan							
Malin Head ...	29.24	47	46	N	5	or	3
Belmullet	29.44	52	48	N	4	c	*
Holyhead							

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia							
Scilly							
Jersey	29.87	65	62	SSW	5	0	4
Hurst Castle ...							
Dungeness ...	29.72	62	61	SW	6	0	5
North Foreland	29.72	63	61	SSW	5	0	5
London (Westminster)							*
Yarmouth ...							
Rochefort ...	30.05	65	64	NW	3	0	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Continental Information not received.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD FROM THE 20TH TO THE 26TH SEPT: 1896.

The weather of this period was exceedingly rough and unsettled over the whole of northwestern Europe, the rainfall being frequent, and largely in excess of the average for the time of year. In the course of the week two depressions of unusual size and depth for the time of year advanced over our Islands from the Atlantic.

The first appeared off the southwest of Ireland on the morning of the 21st. After moving slowly northwards the disturbance advanced eastwards on the 22nd its centre passing across the northern parts of Ireland and England to Denmark and the northeast of Sweden, where the system eventually filled up. During its progress strong gales and heavy falls of rain were experienced in most districts, the wind being from the SW and W in the south, but from the E or NE in the north.

The second, a very deep depression, with minimum readings below 28.7 in., appeared off our extreme western coasts on the evening of the 24th and occasioned further heavy rains over the entire Kingdom, with strong S gales on our western and southern coasts. On the following day the disturbance travelled in an easterly and southeasterly direction across Ireland and England, the wind in its rear blowing hard from the N over the whole of those countries and the neighbouring parts of the Continent. By the morning of the 26th the depression had reached Germany, where it rapidly filled up.

At the close of the week another depression was skirting our northern coasts, while small secondary systems were passing across the more central and southern parts of the Kingdom. Moderate to fresh S to W winds were therefore experienced on our coasts with a continuance of unsettled rainy weather in most districts.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.
" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Tuesday 29th Sept.r 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	29.63	48	S	2	r	29.54	−.22	48	48	−2	SE	4	r	*	r	*	54	46	0.08
	Hernösand ...	29.49	51	SE	6	r	29.65	+.04	47	45	−6	SW	4	b	*	r	*	57	47	0.59
	Stockholm ...	29.59	63	SE	2	r	29.88	+.15	49	48	−3	SW	4	b	*	r	*	57	46	0.12
	Wisby	29.67	55	SSW	6	r	30.01	+.25	51	50	−2	W	4	bc	*	r	*	61	43	0.08
	Karlstad ...	29.58	48	SSW	4	b	29.85	+.33	48	45	−4	SW	4	b	*	b	*	*	*	0.32
	Bodö	29.32	49	SE	1	b	29.44	+.21	48	46	−2	S	2	bc	1	b	*	50	43	0.24
	Christiansund ...	29.45	48	WSW	6	c	29.66	+.49	46	43	−3	W	8	r	4	c	*	55	45	0.08
	Skudesnaes ...	29.63	48	WSW	4	o	29.81	+.32	49	45	−1	W	4	c	4	o	*	55	46	*
	Færder (Christiania Fjord)	29.56	55	WNW	3	b	29.84	+.35	51	48	−4	W	4	b	3	b	*	55	51	—
	Skagen (The Scaw)	29.68	52	NW	4	b	29.94	+.44	48	46	−4	SW	4	bc	1	b	*	55	45	0.04
	Fanö	29.80	48	NW	2	r	29.97	+.43	50	47	−3	WSW	2	c	*	r	*	54	45	0.24
BRITISH ISLANDS.	Sumburgh Head	29.49	47	W	2	bc	29.73	+.44	47	43	−1	W	2	o	3	bc	*	52	41	0.06
	Stornoway ...	29.67	49	NW	2	o	29.75	+.25	48	48	+4	SSW	3	c	3	o	7.7	52	39	0.10
	Wick	29.63	45	NW	4	c	29.81	+.34	47	46	0	W	2	c	1	c	*	53	38	0.05
	Nairn	29.68	47	WNW	2	c	29.80	+.30	45	45	−1	W	0	c	1	c	*	54	39	0.03
	Aberdeen ...	29.70	47	W	2	bc	29.88	+.32	46	43	−2	SW	2	cmw	1	bc	7.5	56	36	0.01
	Leith	29.75	49	W	3	b	29.85	+.26	49	47	+1	S	1	c	*	b	*	58	44	—
	Shields	29.79	49	W	3	bc	29.94	+.29	46	44	−4	S	3	cp	2	c, bc	*	55	41	—
	Spurn Head ...	29.86	51	W	4	b	30.01	+.31	50	48	+1	SW	3	bc	3	b, c	*	54	44	—
	York	29.87	50	W	4	b	30.01	+.29	45	42	−2	SW	1	o	*	b	9.1	59	41	—
	Loughborough ..	29.97	50	W	1	c	30.05	+.25	47	45	+1	SE	1	o2p	*	bcq, b, o	*	59	42	—
	Ardrossan ...	29.78	50	W	4	bpq	29.82	+.18	51	51	+3	S	4	p	4	bpq	*	53	47	0.05
	Malin Head ...	29.85	49	W	5	oqr	29.83	+.14	52	50	+3	WNW	4	op	2	c, oqr	*	51	47	0.20
	Belmullet ...	29.97	50	W	5	ow	29.94	+.06	53	51	+2	NW	3	o	*	c, ow	*	55	51	0.39
	Donaghadee ...	29.91	49	W	4	cp	29.87	+.11	50	49	+4	WSW	3	bc	2	cp	*	54	42	0.04
	Liverpool (Bidston)	29.94	50	W	5	c	29.96	+.18	49	45	−2	SSE	2	c	3	b, cp	*	54	45	0.06
	Holyhead ...	29.97	51	W	6	cp	29.91	+.08	51	50	+1	WSW	3	cp	2	cpq	*	55	47	0.09
	Parsonstown ...	30.03	49	L	0	o	29.95	−.02	51	50	+5	W	1	op	*	b, cp, or	7.1	55	45	0.28
	Valencia ...	30.12	55	WSW	4	oq.	30.08	+.02	55	51	+3	WNW	6	opq	6	bcq, oq	8.2	56	49	0.43
	Roche's Point ..	30.09	53	NW	3	c	30.03	+.02	53	51	+2	WNW	3	bcp	3	c	*	57	50	0.06
	Pembroke (St. Ann's Hd.)	30.06	55	NW	5	bc	29.94	.00	53	52	0	WNW	6	oq	5	bc	8.8	55	50	0.15
	Scilly	30.14	55	NW	4	bc	30.08	+.05	55	53	0	W	5	cq	5	bc	9.2	58	50	0.08
	Prawle Point ...	30.12	51	W	4	c	30.09	+.08	52	50	0	SW	5	ow	4	c, r	*	57	46	0.14
	Jersey (St. Aubin's)	30.14	55	W	4	bcp	30.17	+.17	57	53	+1	SW	4	c	3	bc, p	*	61	51	0.11
	Hurst Castle ...	30.05	55	W	3	bc	30.09	+.10	55	51	+4	SW	4	op	2	bc	*	60	47	0.06
	Dungeness ...	29.99	55	W	4	c	30.11	+.29	49	48	−4	NW	2	o	1	bc, c	*	62	42	—
	North Foreland	30.00	52	W	2	bc	30.12	+.32	49	46	−1	W	2	o	2	bc	*	57	43	—
	London (Brixton) ...	30.00	51	W	2	bc	30.12	+.27	48	47	−1	S	1	o	*	bc, b	9.3	59	42	—
	Oxford	30.06	47	W	2	b	30.08	+.20	48	46	0	SSE	2	opd	*	b, c	*	58	43	—
	Cambridge ...	29.99	49	SW	1	b	30.10	+.29	47	46	−1	WSW	1	d	*	b, l	9.4	58	40	0.02
	Yarmouth ...	29.90	53	W	3	bcp	30.07	+.35	46	44	−3	WSW	2	bcm	2	bc, p	*	57	41	0.02
GERMANY & HOLLAND.	Cuxhaven ...	29.74	52	W	4	c	30.06	+.46	47	47	−7	SSW	3	b	*	r, c	*	55	46	0.04
	Berlin	29.94	52	W	2	b	30.23	+.49	47	45	−5	W	2	b	*	b	*	59	45	0.08
	Wiesbaden ...	*	*	*	*	*	30.26	+.48	40	39	−17	NW	1	f	*	*	*	61	39	0.20
	Munich... ..	30.15	47	SW	3	r	30.30	+.34	45	45	−6	SE	2	r	*	r	*	61	45	0.63
	The Helder ...	29.90	53	W	4	o	30.08		54	49		WSW	2	bc	1	o	*	56	52	0.20
BELGIUM.	Brussels ...	*	*	*	*	*	30.19	+.35	47	45	−5	S	2	c	*	b	*	58	41	—
	Cape Gris Nez...	29.95	55	W	4	c	30.06	+.33	54	50	+1	W	3	o	3	c	*	57	46	—
	Paris	30.14	53	WNW	3	b	30.23	+.28	48	42	−7	SSW	2	b	*	b	*	64	39	—
	Brest	30.19	55	NW	3	bc	30.19	+.13	56	52	+2	WSW	2	c	3	bc	*	59	50	0.12
	Lorient... ...	30.20	58	NW	4	o	30.19	+.14	54	52	0	WNW	2	o	2	o	*	63	48	0.08
FRANCE &	Rochefort ...	30.18	60	NW	4	b	30.25	+.17	51	50	−6	ESE	3	bc	*	bc, b	*	66	48	—
	Belfort	30.09	49	W	1	o	30.24	+.34	40	40	−14	L	0	b	*	o	*	58	39	—
	Lyons ...	30.17	49	NE	1	r	30.23	+.23	47	45	−10	N	1	b	*	r	*	67	44	—
	Nice	29.96	61	SW	1	b	30.04	+.15	58	50	−2	L	0	bc	1	b	*	72	54	—
	Perpignan ...														*		*			
	Biarritz ...	30.16	59	WSW	3	o	30.22	+.18	54	52	−9	E	3	o	6	bc, o	*	64	52	0.20
PENIN-SULA.	Corunna ...																*			
	Lisbon	29.97	64	N	5	b	30.00	+.01	65	59	0	NNE	4	b	*	b	*	79	61	—
	Azores (P. Delgada)	30.32	68	ENE	4	bc	30.29	+.04	69	60	−3	ENE	4	c	3	bc	*	79	63	0.04

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

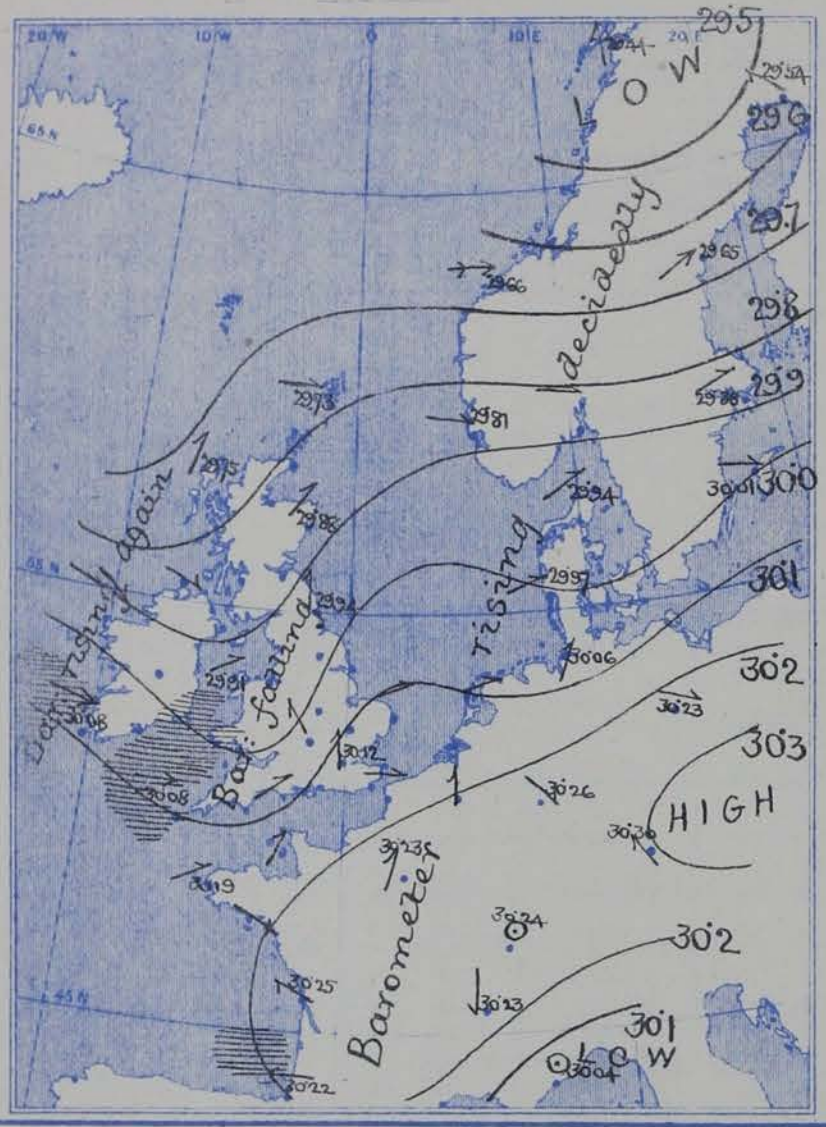
NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

WEATHER CHARTS

FOR Tuesday, 29th September 1896.

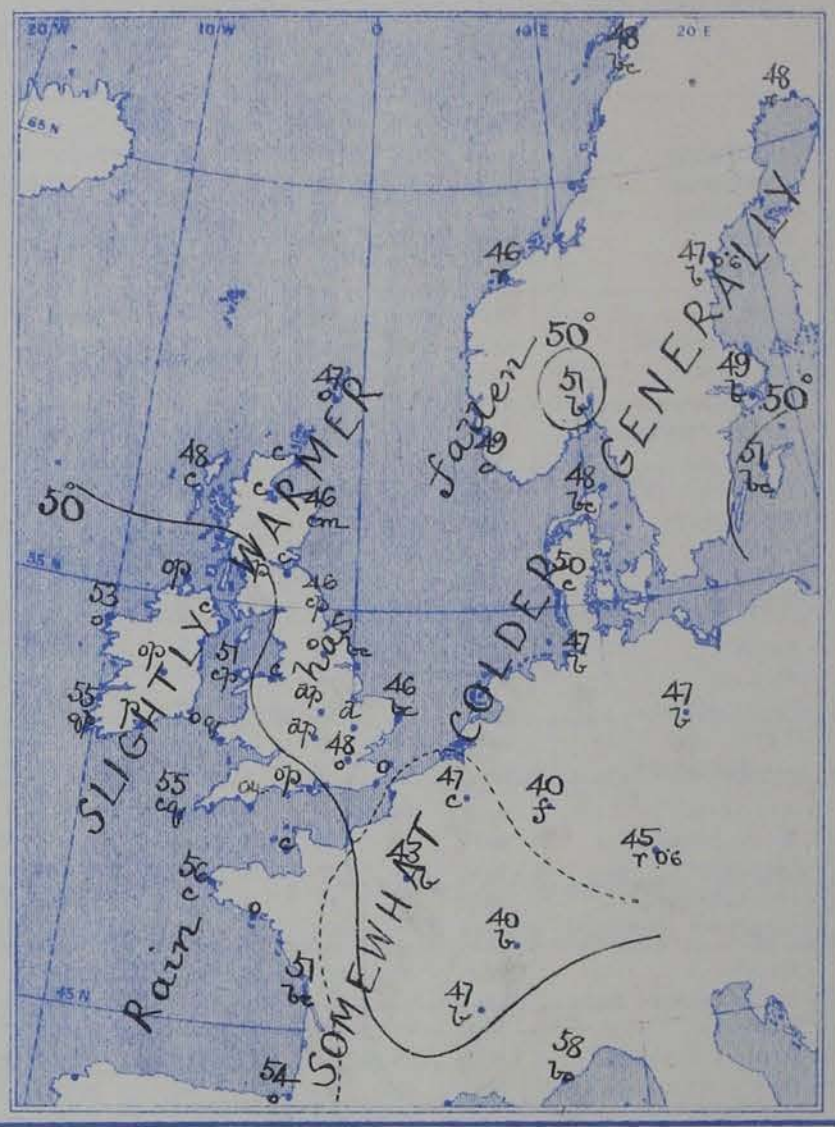
BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.
Force above 10 ; *Force 5 to 7* ; *Force 8 to 10* ; *Force 1 to 4* ; Calm ⊙
SEA—Rough : *High*



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.
RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus 0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF SEPTEMBER.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of: Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Absolute Extremes: Maximum.	Years.	Minimum.	Years.	RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95. Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29 · 793	50 · 8	49 · 1	55 · 0	46 · 1	68	1880	34	1887, 88	3 · 38	—	—
Stornoway	29 · 814	51 · 5	50 · 2	56 · 5	45 · 8	69	1895	32	1871, 75, 85	4 · 09	103 · 3	27
Wick	29 · 831	52 · 0	50 · 1	57 · 8	45 · 7	74	1884, 91	29	1885, 87	2 · 51	—	—
Nairn	29 · 843	51 · 5	49 · 1	59 · 5	46 · 2	77	1895	25	1892	2 · 48	—	—
Aberdeen	29 · 863	52 · 3	49 · 8	59 · 3	46 · 6	79	1891	30	1887	2 · 89	124 · 2	33
Leith	29 · 887	53 · 3	50 · 8	62 · 0	47 · 5	81	1873, 91	33	1886	2 · 19	—	—
Shields	29 · 910	53 · 2	51 · 0	60 · 1	48 · 2	79	1895	34	1885, 89, 93	2 · 30	—	—
Spurn Head	29 · 947	55 · 6	53 · 8	60 · 7	52 · 5	75*	1895	38*	1892	1 · 83	—	—
York	29 · 896	52 · 9	51 · 0	63 · 2	47 · 5	83	1895	30	1885	2 · 45	118 · 4	32
Loughborough	29 · 971	53 · 6	51 · 9	65 · 4	47 · 6	86*	1891, 95	30*	1885, 94	2 · 50	—	—
Ardrossan	29 · 892	53 · 7	51 · 6	59 · 7	49 · 4	78	1880	32	1885	3 · 38	—	—
Donaghadee	29 · 916	53 · 6	52 · 4	60 · 0	49 · 4	71	1893	36	1882, 94	2 · 74	—	—
Holyhead	29 · 941	55 · 8	53 · 6	60 · 8	52 · 5	78	1880	43	1873, 85	3 · 10	—	—
Liverpool	29 · 947	54 · 7	52 · 0	61 · 5	50 · 9	82	1880	39	1885	3 · 17	—	—
Parsonstown	29 · 948	52 · 8	50 · 9	61 · 7	47 · 2	79	1880	31	1877, 93	2 · 92	124 · 7	33
Valencia	29 · 961	55 · 4	54 · 1	61 · 8	51 · 3	78	1895	38	1872, 93	4 · 38	130 · 4	35
Roche's Point	29 · 963	55 · 6	53 · 4	61 · 7	51 · 0	74	1880	39	1893	3 · 74	—	—
Pembroke	29 · 962	56 · 2	54 · 0	60 · 3	53 · 1	74	1895	40	1885	3 · 32	146 · 5	39
Scilly	29 · 982	58 · 5	56 · 4	62 · 0	54 · 8	72	1880, 93, 95	44	1885, 88	3 · 28	—	—
Prawle Point	30 · 004	57 · 2	55 · 3	62 · 5	52 · 3	76*	1889	36*	1885	2 · 41	—	—
Jersey	30 · 003	60 · 2	57 · 2	65 · 8	54 · 9	86	1895	41	1891	2 · 96	183 · 4	49
Hurst Castle	30 · 002	57 · 3	55 · 7	64 · 6	52 · 3	77	1895	35	1885	2 · 76	—	—
Dover	29 · 981	57 · 9	55 · 5	63 · 7	53 · 2	77	1880	32	1885	2 · 53	—	—
LONDON	29 · 991	55 · 8	53 · 4	66 · 5	49 · 6	87	1880	30	1877	2 · 17	111 · 5†	30†
Oxford	29 · 985	53 · 9	52 · 0	64 · 3	48 · 8	83	1880, 95	33	1885	2 · 43	141 · 0	38
Cambridge	29 · 979	54 · 6	52 · 9	66 · 0	47 · 9	88	1880	31	1885	2 · 13	144 · 2	39
Yarmouth	29 · 959	56 · 4	54 · 4	62 · 3	51 · 3	78	1880	33	1885	2 · 64	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE — Highest 30.2 ins. and more to 30.0 ins. over France, Germany and the S.E. half of England, and exceeding 30.0 ins. over the S.W. of Ireland. Lowest. Below 29.5 ins. over the N. of Norway, and below 29.7 ins. off the north of Scotland. Gradients moderate and variable. Barometer rising over Ireland and Scotland, falling over England. A "V" shaped disturbance was travelling across our Islands from the westward.

TEMPERATURE — Highest 65° at Lisbon, 57° at Jersey, 55° at Scilly and Valencia, 52° at Malin Head. Lowest (1) 40° at Belfort and Wiesbaden, 43° at Paris (2) 45° at Nairn, 46° at Aberdeen and Christiansund. Dungeness, Hurst Castle and Jersey were the only stations in our Islands at which the thermometer rose to above 60° yesterday.

WIND — Light to moderate generally, and varying greatly in direction from S. to S.W. and N.W. Over England it was mainly S.W., but in Ireland W. to N.W.

WEATHER — Rather changeable generally — in some places, clear, in others cloudy and showery, but not settled anywhere. Showers fell yesterday over all the western and northern districts as well as over Germany and Brittany. In the S. and E. the weather was very fine. Bright sunshine exceeded 7 hrs at all of our stations, and was as much as 9 to 10.3 hrs. along our S.W. and S. coasts.

SEA — Still rough on our S.W. coasts and at Biarritz, slight to smooth in the N. and E.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Some further improvement in the weather is probable over England, but there is at present no definite indication that any long spell of fine weather can be looked for.

FORECASTS

For the 24 hours ending at NOON on 30th Sept.r 1896.

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH 1 SCOTLAND EAST 2 ENGLAND N.E.	S.W. and W. breezes, moderate; some rain at times.
3 ENGLAND EAST 4 MIDLAND COUNTIES 5 ENGLAND SOUTH	S.W. to N.W. breezes, light; fair generally.
6 SCOTLAND WEST 7 ENGLAND N.W.	Same as Nos. 0 to 2.
8 ENGLAND S.W.	Same as Nos. 3 to 5.
9 IRELAND NORTH 10 IRELAND SOUTH	W. to S.W. breezes; slight passing showers.
WARNINGS	None issued.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29.57	55	49	WSW	6	c	5
Sumburgh Head	29.42	49	47	W	4	bc	4
Stornoway	29.60	52	49	NW	4	c	4
Aberdeen	29.63	55	48	W	3	bc	2
Shields	29.73	53	48	W	3	c	2
Ardrossan	29.74	51	50	W	4	b	3
Malin Head ...	29.79	50	47	NNW	5	c	3
Belmullet	29.97	53	52	WNW	4	c	*
Holyhead	29.92	50	47	W	6	cpq	5

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	30.12	56	50	W	5	bcq	6
Scilly	30.10	57	51	NW	5	bc	4
Jersey	30.12	59	51	WNW	4	bc	4
Hurst Castle ...	30.02	58	52	W	4	cp	2
Dungeness ...	29.94	58	52	WSW	4	bc	3
North Foreland	29.95	56	49	W	3	bc	2
London (Westminster)	29.95	59	55	WNW	3	bc	*
Yarmouth ...	29.85	57	54	WNW	4	bc	3
Rochefort ...	30.15	64	59	NNW	4	bc	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning fine and bright over all the E^rn parts of Gt. Britain, changeable in the west and rather showery; rainy in many parts of Norway and Sweden, as well as at Lemberg and Lemnoges, clear over the Mediterranean and S. of Russia. Rain falling later over Scandinavia, the N. and W. of our Islands, Germany and the N^rn parts of France; weather fine throughout over the greater part of England; lightning seen at York and Cambridge — Lunar halo seen in the SE. of England.

Temperature fallen generally over the British Islands and the N. of France. Morning readings highest 73° at Algier, 71° at Athens, 70° at Barcelona, 65° at Lisbon and at Nicolaieff, 56° at Jersey, 52° at Valencia. Lowest (1) 44° at Stornoway, 46° at Nairn, Donaghadee, Paramstown and Loughborough, (2) 45° at Archangel, 46° at Kuopio, (3) 45° at Neufahrwasser, 48° at Breslau and Vienna; failing to reach 60° over our Islands later except at Dungeness, Hurst Castle and Jersey, but touching 64° at Paris, 72° at Nice, 79° at Lisbon.

Wind (1) SE^ly to SW^ly over the Baltic, and all countries lying to the E^ward of the North Sea, but NW^ly, moderate to strong over the British Islands; (2) very light and variable over S^rn Europe generally. Backing somewhat over the United Kingdom later, but decreasing in force.

Barometer highest (1) 30.2 ins. and more to 30.0 ins. over Russia, (2) 30.1 ins. and more to 30.0 ins. over the Bay of Biscay, the N. of Spain, the W. of France and the extreme SW of the British Isles. Lowest below 29.2 ins. in a depression off the NW. of Norway, below 29.6 ins. in a secondary over the E^rn part of the North Sea, and below 29.9 ins. in a shallow disturbance over the N^rn parts of the Mediterranean. Rising over the British Islands and western Europe later.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.
" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Wednesday, 30th September, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA	Haparanda ...	29.90	46	SE	2	b	30.11	+.57	45	41	-3	SW	4	b	*	b	*	54	45	0.04
	Hernösand ...	30.07	47	W	2	b	30.34	+.69	38	37	-9	Z	0	b	*	b	*	61	38	-
	Stockholm ...	30.25	49	S	2	b	30.48	+.60	46	45	-3	S	2	b	*	b	*	59	45	-
	Wisby	30.31	50	SW	4	b	30.50	+.49	50	49	-1	SSW	4	b	*	b	*	55	45	-
	Karlstad ..	30.19	50	SW	4	b	30.43	+.58	49	47	+1	SSW	2	b	*	b	*	*	*	-
	Bodö	29.74	48	SSW	7	0	30.07	+.63	46	43	-2	WSW	6	0	3	0	*	52	41	0.16
	Christiansund ...	30.03	47	WSW	6	r	30.28	+.62	47	43	+1	SW	4	c	5	r	*	47	45	0.16
	Skudesnaes ...	30.13	51	WSW	2	0	30.36	+.55	50	49	+1	SSW	4	r	2	bc,o	*	54	46	*
	Færder (Christiania Fjord)	30.13	54	WSW	5	b	30.43	+.59	51	48	0	WNW	2	b	2	b	*	55	50	-
	Skagen (The Scaw)	30.23	50	SW	1	b	30.46	+.52	52	50	+4	WSW	1	b	0	b	*	55	46	0.08
	Fanö	30.26	50	S	2	c	30.43	+.46	48	47	-2	ENE	1	b	*	c	*	59	48	-
	Sumburgh Head	29.99	48	W	1	0	30.16	+.43	51	50	+4	SSW	1	0	2	0	*	53	40	0.01
	Stornoway ...	29.96	52	Z	0	0	30.13	+.38	51	51	+3	S	5	0	5	c,o	2.5	55	39	0.13
	Wick	29.97	51	S	1	b	30.21	+.40	52	50	+5	W	1	0	0	b	*	56	39	0.02
	Nairn	29.98	55	E	1	c	30.22	+.42	51	50	+6	E	1	0	2	c	*	55	39	-
	Aberdeen ...	30.01	52	SW	2	c	30.30	+.42	48	46	+2	SSW	1	cmw	1	c	3.2	54	38	-
BRITISH ISLANDS.	Leith	30.02	51	WSW	1	bc	30.32	+.47	51	50	+2	WSW	2	bcm	*	bc	*	56	44	-
	Shields	30.06	54	SSW	2	0	30.39	+.45	50	48	+4	WSW	2	cm	2	0,r	*	57	42	0.02
	Spurn Head ...	30.10	54	S	3	bc	30.40	+.39	50	50	0	WNW	1	f	3	bc	*	58	48	-
	York	30.08	55	S	1	0	30.40	+.39	42	42	-3	W	1	b	*	c,o	3.5	59	39	-
	Loughborough ...	30.11	54	SSE	1	0	30.42	+.37	42	42	-5	Z	0	fw	*	c,op.of	*	59	41	0.01
	Ardrossan ...	30.05	53	WSW	3	bcp	30.35	+.53	53	53	+2	SSW	3	0	2	cp,bcp	*	57	50	0.02
	Malin Head ...	30.09	52	WNW	5	bc	30.29	+.46	51	49	-1	S	4	om	2	c,bc	*	54	48	0.02
	Belmullet ...	30.17	53	WNW	1	b	30.32	+.38	55	53	+2	SW	4	0	*	bc,b	*	55	51	0.01
	Donaghadee ...	30.11	53	WNW	3	cp	30.39	+.52	47	46	-3	WSW	3	c	1	cp	*	60	42	0.01
	Liverpool (Bidston)	30.12	52	W	1	c	30.43	+.47	52	50	+3	Z	0	b	1	p,bc	*	55	48	0.07
	Holyhead ...	30.10	55	WNW	3	c	30.43	+.52	52	50	+1	Z	0	cf	0	c	*	59	49	-
	Parsonstown ...	30.19	54	SW	1	c	30.43	+.48	46	46	-5	SE	1	ow	*	c	3.0	58	40	-
	Valencia ...	30.28	54	NW	3	bc	30.45	+.37	55	53	0	SE	1	om	4	cq,bc	6.7	57	45	-
	Roche's Point ..	30.23	54	NW	3	bc	30.52	+.49	50	47	-3	N	1	b	3	bc	*	58	46	-
	Pembroke (St. Ann's Hd.)	30.16	56	NW	4	c	30.45	+.51	53	52	0	N	2	b	3	c	4.1	57	49	0.01
	Scilly	30.19	56	NW	5	c	30.43	+.35	55	52	0	N	4	bc	3	c	6.0	58	51	0.01
	Prawle Point ...	30.16	57	W	3	c	30.41	+.32	56	53	+4	N	3	b	2	r.cp	*	57	47	0.26
	Jersey (St. Aubin's)	30.18	55	W	3	bc	30.38	+.21	59	55	+2	NNW	3	bc	3	op.g	*	59	52	0.52
	Hurst Castle ...	30.11	57	SW	2	c	30.37	+.28	53	51	-2	NNW	2	cm	2	pc	*	60	49	0.03
	Dungeness ...	30.13	55	SW	3	cqp	30.36	+.25	48	48	-1	NNW	1	c	1	o.cqp	*	57	47	0.24
	North Foreland	30.18	54	S	3	0	30.39	+.27	58	54	+9	E	1	bcw	1	c,o	*	58	47	-
	London (Brixton) ...	30.13	55	SW	1	bc	30.39	+.27	48	47	0	NE	1	bm	*	bc,bw	1.0	59	45	-
	Oxford	30.16	53	S	2	0	30.42	+.34	48	48	0	N	1	of	*	o	*	59	46	-
	Cambridge ...	30.14	53	S	1	bm	30.42	+.32	48	47	+1	SSE	1	fw	*	c,om	1.1	58	43	-
	Yarmouth ...	30.12	58	SSW	3	c	30.38	+.31	52	50	+6	Z	0	b	2	bc,c	*	55	44	-
GERMANY & HOLLAND.	Cuxhaven ...	30.20	54	S	1	0	30.42	+.36	47	46	0	Z	0	b	*	0	*	55	45	-
	Berlin	30.33	50	Z	0	b	30.45	+.22	47	44	0	ESE	2	bc	*	b	*	59	43	-
	Wiesbaden ...	*	*	*	*	*	30.34	+.08	47	46	+7	Z	0	c	*	*	*	57	40	-
	Munich... ..	30.28	49	E	2	0	30.25	-.05	47	47	+2	NE	4	r	*	0	*	52	45	0.16
	The Helder ...	30.21	51	S	1	0	30.42	+.34	51	50	-3	SE	1	b	1	0	*	57	46	-
BELGIUM.	Brussels ...	*	*	*	*	*									*		*			
	Cape Gris Nez ...	30.11	54	S	3	0			51	50	-3	S	1	c	2	0	*	55	50	1.10
	Paris	30.24	53	S	1	c	30.36	+.13	41	41	-2	NNE	1	b	*	c	*	62	39	-
	Brest	30.24	57	NNW	3	c	30.39	+.20	54	52	-2	N	2	bc	3	c	*	59	50	-
	Lorient... ...	30.20	57	WNW	5	bc	30.36	+.17	53	52	-1	NNW	4	c	2	bc	*	63	46	-
FRANCE &	Rochefort ...	30.28	59	WNW	3	bc	30.32	+.07	54	53	+3	NNW	3	bc	*	bc	*	66	51	0.08
	Belfort	30.20	52	NE	1	0	30.26	+.02	44	44	+4	Z	0	m	*	0	*	60	40	-
	Lyons	30.24	52	N	1	bc	30.27	+.04	46	44	-1	NNW	2	b	*	bc	*	62	44	-
	Nice	30.08	61	Z	0	c	30.03	-.01	60	55	+2	Z	0	c	1	c	*	72	57	-
	Perpignan ...	30.20	63	NW	3	0	30.26		58	49		NW	3	0	*	0	*	68	57	-
	Biarritz ...	30.26	61	NW	4	b	30.30	+.08	54	52	0	Z	0	r	4	b	*	64	54	0.12
PENINSULA.	Corunna ...																*			
	Lisbon	30.08	72	NNE	3	b	30.16	+.16	71	59	+6	NE	4	b	*	b	*	81	66	-
	Azores (P. Delgada)	30.31	66	E	4	c	30.31	+.02	66	59	-1	NE	3	0	5	c	*	75	63	0.04

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

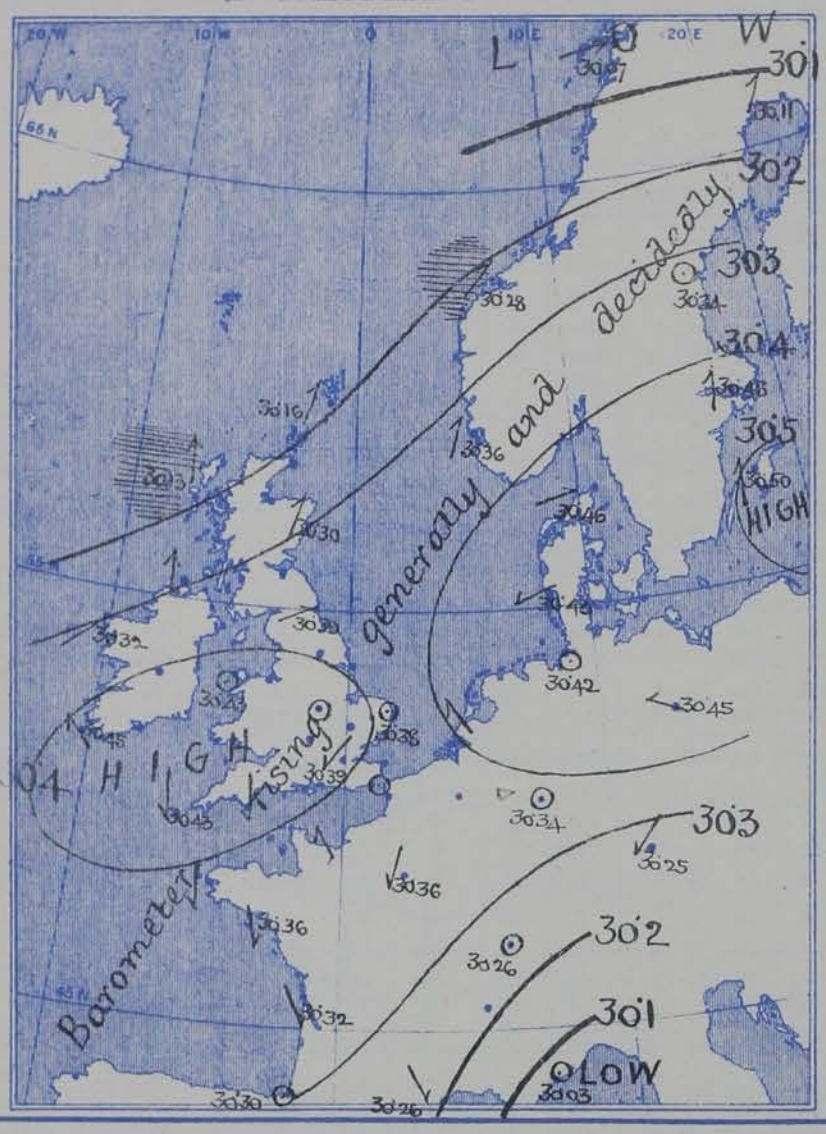
Bright Sunshine yesterday Southport 2.4 hrs; Eastbourne 0.6 hrs; Hastings 1.3 hrs, Brighton, 1.8 hrs.

WEATHER CHARTS

FOR Wednesday, 30th September, 1896.

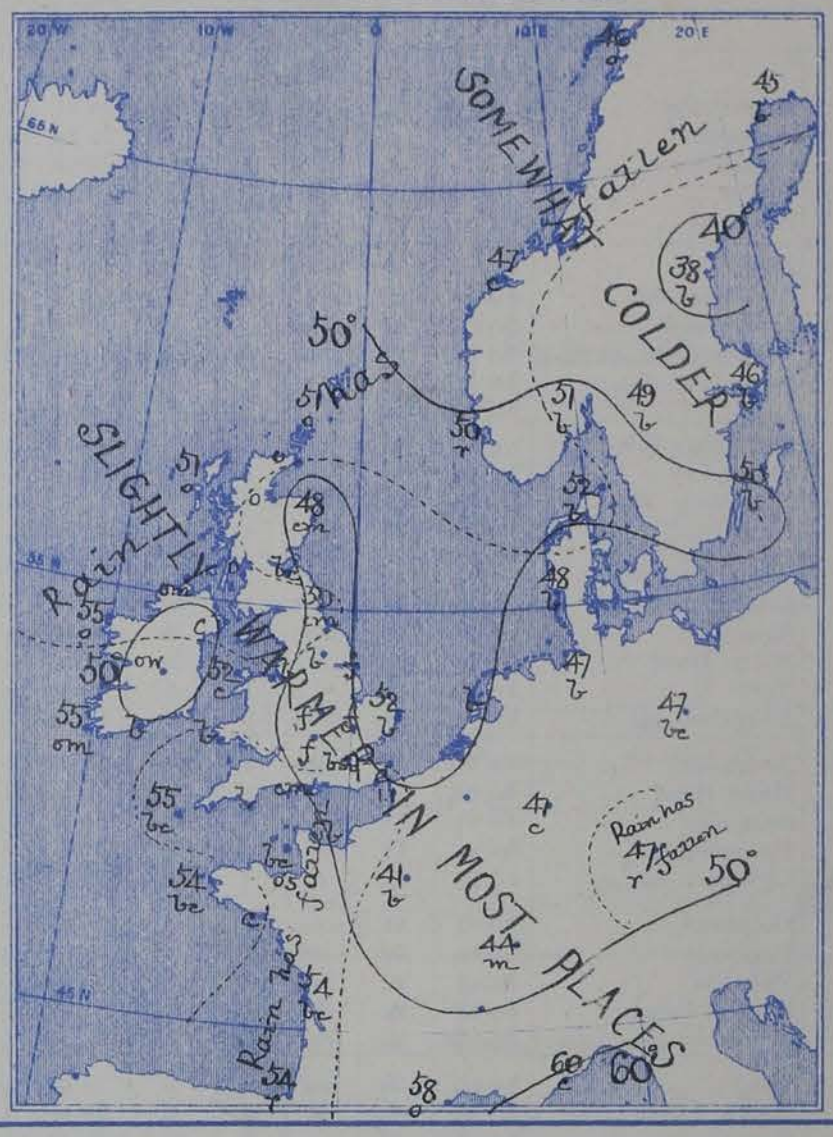
BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.
Force above 10 ⟶ ; *Force 5 to 7* ⟶ ; } Calm ⊙
Force 8 to 10 ⟶ ; *Force 1 to 4* ⟶ ; }
SEA—Rough ▒ ; *High* ▓



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.
RAINFALL—{ A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF SEPTEMBER.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of: Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Absolute Extremes: Maximum.	Years.	Minimum.	Years.	RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95. Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29 · 793	50 · 8	49 · 1	55 · 0	46 · 1	68	1880	34	1887, 88	3 · 38	—	—
Stornoway	29 · 814	51 · 5	50 · 2	56 · 5	45 · 8	69	1895	32	1871, 75, 85	4 · 09	103 · 3	27
Wick	29 · 831	52 · 0	50 · 1	57 · 8	45 · 7	74	1884, 91	29	1885, 87	2 · 51	—	—
Nairn	29 · 843	51 · 5	49 · 1	59 · 5	46 · 2	77	1895	25	1892	2 · 48	—	—
Aberdeen	29 · 863	52 · 3	49 · 8	59 · 3	46 · 6	79	1891	30	1887	2 · 89	124 · 2	33
Leith	29 · 887	53 · 3	50 · 8	62 · 0	47 · 5	81	1873, 91	33	1886	2 · 19	—	—
Shields	29 · 910	53 · 2	51 · 0	60 · 1	48 · 2	79	1895	34	1885, 89, 93	2 · 30	—	—
Spurn Head	29 · 947	55 · 6	53 · 8	60 · 7	52 · 5	75*	1895	38*	1892	1 · 83	—	—
York	29 · 896	52 · 9	51 · 0	63 · 2	47 · 5	83	1895	30	1885	2 · 45	118 · 4	32
Loughborough	29 · 971	53 · 6	51 · 9	65 · 4	47 · 6	86*	1891, 95	30*	1885, 94	2 · 50	—	—
Ardrossan	29 · 892	53 · 7	51 · 6	59 · 7	49 · 4	78	1880	32	1885	3 · 38	—	—
Donaghadee	29 · 916	53 · 6	52 · 4	60 · 0	49 · 4	71	1893	36	1882, 94	2 · 74	—	—
Holyhead	29 · 941	55 · 8	53 · 6	60 · 8	52 · 5	78	1880	43	1873, 85	3 · 10	—	—
Liverpool	29 · 947	54 · 7	52 · 0	61 · 5	50 · 9	82	1880	39	1885	3 · 17	—	—
Parsonstown	29 · 948	52 · 8	50 · 9	61 · 7	47 · 2	79	1880	31	1877, 93	2 · 92	124 · 7	33
Valencia	29 · 961	56 · 4	54 · 1	61 · 8	51 · 3	78	1895	38	1872, 93	4 · 38	130 · 4	35
Roche's Point	29 · 963	55 · 6	53 · 4	61 · 7	51 · 0	74	1880	39	1893	3 · 74	—	—
Pembroke	29 · 962	56 · 2	54 · 0	60 · 3	53 · 1	74	1895	40	1885	3 · 32	146 · 5	39
Scilly	29 · 982	58 · 5	56 · 4	62 · 0	54 · 8	72	1880, 93, 95	44	1885, 88	3 · 28	—	—
Prawle Point	30 · 004	57 · 2	55 · 3	62 · 5	52 · 3	76*	1889	36*	1885	2 · 41	—	—
Jersey	30 · 003	60 · 2	57 · 2	65 · 8	54 · 9	86	1895	41	1891	2 · 96	183 · 4	49
Hurst Castle	30 · 002	57 · 3	55 · 7	64 · 6	52 · 3	77	1895	35	1885	2 · 76	—	—
Dover	29 · 981	57 · 9	55 · 5	63 · 7	53 · 2	77	1880	32	1885	2 · 53	—	—
LONDON	29 · 991	55 · 8	53 · 4	66 · 5	49 · 6	87	1880	30	1877	2 · 17	111 · 5†	30†
Oxford	29 · 985	53 · 9	52 · 0	64 · 3	48 · 8	83	1880, 95	33	1885	2 · 43	141 · 0	38
Cambridge	29 · 979	54 · 6	52 · 9	66 · 0	47 · 9	88	1880	31	1885	2 · 13	144 · 2	39
Yarmouth	29 · 959	56 · 4	54 · 4	62 · 3	51 · 3	78	1880	33	1885	2 · 64	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·5 in: at Wick, and exceeding 30·4 in: over the greater part of Ireland, England, and all the eastern shores of the North Sea.
Lowest, Below 30·1 in: over Lapland on the one hand and over the Riviera on the other.
Gradients slight; distribution anticyclonic.
Barometer rising generally and decidedly.

TEMPERATURE

Highest, 60° at Nice, 59° at Jersey, 55° at Scilly, Valencia, and Belmullet; 52° at Wick.
Lowest, 38° at Herwösand, 46° at Stockholm; (2) 42° at York and Loughborough, 46° at Parcmeteon; (3) 41° at Paris, 44° at Brefort.
During the early hours of this morning the sheltered thermometer went down to 38° at Aberdeen, 39° at York, and 43° at Cambridge.

WIND

S^ly to SW^ly at all the most northern stations, N^ly to NE^ly in the south, Calm or nearly so over the greater part of England and the North Sea.
The S^ly breeze was still rather strong in the extreme north, the N^ly current was light, but inclined to freshen.

WEATHER

Dull in the west and north, fine generally elsewhere, but in many places hazy or rather foggy.
A great deal of rain fell on the southern shores of the English Channel yesterday, and smaller quantities in the northwest and north of our Islands and on the eastern shores of the North Sea.
Bright Sunshine recorded yesterday was 6·7 hrs at Valencia, 6·0 hrs at Scilly, 2 to 3 hrs at our western and northern stations generally.

SEA

Moderate off the west coast of Ireland, slight to smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The general distribution of pressure is now of a very quiet type, and the changes in progress point to settled fair weather.

FORECASTS

For the 24 hours ending at NOON on 1st OCTOBER, 1896.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	S^ly and SW^ly breezes, fresh; some showers.	6 SCOTLAND WEST	Same as No. 0.
1 SCOTLAND EAST	SW^ly breezes, light; fine.	7 ENGLAND N.W.	Same as No. 1 and 2
2 ENGLAND N.E.		8 ENGLAND S.W.	NE^ly breezes, moderate; fine.
3 ENGLAND EAST	Same as No. 5.	9 IRELAND NORTH	Same as No. 0
4 MIDLAND COUNTIES	Same as No. 1 and 2.	10 IRELAND SOUTH	Variable airs; showers in west, fine in east.
5 ENGLAND SOUTH	NE^ly breezes, light; fine, hazy at times.	WARNINGS	None issued.

Note.—The **South Cone**, *point downwards* ( ), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.) Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* ( ), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.) Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29.99	54	48	SE	4	bc	3
Sumburgh Head	29.89	50	47	N	1	o	3
Stornoway	29.85	53	52	SSE	3	c	3
Aberdeen	29.94	53	49	SW	3	c	2
Shields	29.97	56	51	SSW	3	o	2
Ardrossan	29.95	57	56	SW	3	c	3
Malin Head ...	29.97	53	50	WNW	5	c	3
Belmullet	30.08	55	50	WNW	3	bc	*
Holyhead	30.03	57	54	NW	3	c	2

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	30.21	57	51	WNW	5	cq	6
Scilly	30.12	57	54	WNW	5	c	4
Jersey	30.14	57	54	WSW	5	op	4
Hurst Castle ...	30.08	58	54	WSW	3	cp	2
Dungeness ...	30.12	55	52	SSW	3	o	2
North Foreland	30.13	55	51	SSE	3	c	3
London (Westminster)	30.10	57	51	S	2	o	*
Yarmouth ...	30.10	54	49	SSE	3	bc	3
Rochefort ...	30.26	64	59	NW	2	bc	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning fine and bright at most stations over the Mediterranean and the southern countries of Europe; cloudy over the northwestern and northern countries, with rain in many places, and a threatening appearance at Prawle Point. A great deal of rain falling later on the southern shores of the English Channel, and smaller quantities over the northwestern and northern parts of the British Islands and some parts of Scandinavia.

Temperature in morning, highest, 75° at Sfax, 72° at Algiers, and exceeding 60° at many other of the extreme southern stations; 57° at Jersey, 55° at Scilly and Valencia; 59° at St Petersburg, 58° at Archangel, 56° at Memel. Lowest (1) 45° at Nairn and York, 46° at Aberdeen and Yarmouth; (2) 38° at Limoges, 40° at Belfort and Wiesbaden, 43° at Paris. Failing to reach 60° at almost the whole of our stations during the day, but touching 62° at Paris and 72° at Nice.

Wind light and anticyclonic over all the western, central, southern, and eastern countries of Europe; Moderate and cyclonic over the northwestern and northern countries, the direction varying from SE to SW. and NW. Winds in the latter region tending to fall light later.

Barometer highest 30.2 ins. and more to 30.1 ins. over all but the northern and northwestern countries. Lowest below 29.5 ins. over the northwestern parts of Lapland and the north of Norway. Gradients moderate and tending to decrease. Rising decidedly in all districts later, but especially in the north.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

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" Weekly " " " £1 10 0 "

ADDITIONS AND CORRECTIONS TO THE

1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)									PAST 24 HOURS.				
		Barom.	Temp.	Wind.			Barometer.		Temperature.			Wind.						Temp.		
DATE.	STATIONS.	At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	Weather	At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)	Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sunshine.	Max.	Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
1	Corunna	30·13	64	N	5	b	30·16	+·01	62	57	- 2	N	1	b	1	b	-	64	50	-
-	Corunna	30·13	63	N	5	bc	30·06	-·10	60	-	- 2	N	1	bc	1	bc	-	63	50	-
3	Corunna	30·00	62	NW	3	b	29·91	-·15	66	60	+ 6	E	1	c	1	b	-	66	50	-
4	The Helder	29·92	61	NSW	4	o	29·95	+·11	61	-	+ 2	SW	5	o	5	o	-	72	59	0·28
-	Cape Gris Nez	29·98	61	W	4	c	29·95	+·10	62	-	+ 4	S	2	o	1	c	-	64	57	-
-	Corunna	29·89	72	W	5	c	29·86	-·05	72	66	+ 6	SW	5	o	5	c	-	72	61	0·28
7	Corunna	29·95	73	S	3	o	29·82	-·22	67	62	+ 1	S	3	o	2	o	-	73	59	0·20
8	Wisby	30·17	66	W	4	b	30·13	-·02	56	53	+ 5	W	4	c	-	b	-	?	41	-
-	Corunna	29·70	71	S	6	bc	29·69	-·13	65	61	- 2	SSW	3	o	4	bc	-	72	57	0·20
9	Wisby	30·10	58	WSW	6	o	30·05	-·08	56	53	0	SW	6	c	-	o	-	61	46	-
-	Corunna	29·78	70	WNW	5	bc	29·85	+·16	68	61	+ 3	SSW	4	bc	4	bc	-	72	57	-
10	Wisby	30·10	54	WSW	4	o	30·15	+·10	54	50	- 2	ESE	4	b	-	o	-	59	50	-
-	Corunna	29·79	65	SSW	6	c	30·00	+·15	67	59	- 1	SSW	3	bc	2	c	-	72	55	0·16
11	Wisby	30·21	?	E	2	b	30·20	+·05	52	-	- 2	E	2	o	-	b	-	?	?	-
..	Corunna	29·97	72	SW	5	c	29·97	-·03	70	64	+ 3	SSW	5	c	3	c	-	72	59	-
12	Wisby	30·13	?	E	2	o	30·10	-·10	51	-	- 1	E	2	o	-	o	-	?	?	-
14	Wisby	29·93	?	SE	2	bc	29·87	-·11	55	-	0	SE	2	b	-	bc	-	?	?	-
..	The Helder	29·39	61	SW	1	r	29·47	-·13	60	-	- 1	SW	4	c	2	r	-	64	55	0·79
-	Corunna	29·80	69	SW	5	o	29·88	+·11	70	65	+ 4	S	4	o	5	o	-	70	59	0·39
15	Wisby	29·89	?	SE	2	o	29·79	-·08	59	-	+ 4	S	2	bc	-	o	-	?	?	0·04
-	Corunna	29·76	72	SSW	3	o	30·02	+·14	73	63	+ 3	SW	2	o	3	o	-	73	63	-
16	Wisby	29·82	.	W	3	b	29·88	+·09	56	-	- 3	SW	2	b	-	b	-	?	?	0·08
-	The Helder	29·93	61	SW	2	o	29·96	+·12	62	-	+ 1	WNW	3	bc	2	o	-	64	59	-
..	Corunna	30·12	68	WNW	3	bc	30·27	+·25	64	64	- 9	W	2	f	5	bc	-	79	61	-
-	Lisbon	30·10	66	NW	4	b	30·15	+·04	69	63	+ 3	NE	3	c	-	b	-	81	63	-
17	Corunna	30·24	67	N	4	b	30·17	-·10	63	62	- 1	NW	2	b	2	b	-	72	55	-
18	Corunna	30·17	66	N	2	m	30·15	-·02	68	64	+ 5	SW	1	o	5	m	-	68	57	-
19	Corunna	30·14	68	W	3	bc	30·16	+·01	60	59	- 8	NW	1	f	4	bc	-	73	54	0·08
20	Cape Gris Nez	29·84	58	WNW	4	c	29·76	·00	54	-	- 1	NW	3	o	3	c	-	61	54	-
21	Lorient	29·88	59	WNW	4	o	29·93	+·05	52	-	- 5	SW	2	o	2	o	-	63	50	-
..	Corunna	30·08	63	NW	1	b	29·99	-·13	61	57	+ 3	SW	1	o	3	b	-	72	48	-
22	Corunna	29·99	66	W	3	o	30·10	+·11	65	62	+ 4	SW	1	bc	4	o	-	73	57	-
23	Corunna	30·08	73	SW	4	o	30·20	+·10	63	60	- 2	W	1	bc	5	o	-	75	57	0·16
24	The Helder	29·32	56	NSW	9	r	29·60	+·56	55	-	- 3	WNW	8	r	5	r	-	59	54	0·32
..	Corunna	30·27	64	W	1	b	30·34	+·14	59	56	- 4	NW	2	bc	5	b	-	66	52	-
25	Cape Gris Nez	29·89	57	W	6	r	29·17	-·62	51	-	0	S	7	r	7	r	-	63	50	0·87
..	Biarritz	30·28	63	NW	4	o	29·89	-·32	64	-	+ 2	S	4	o	6	o	-	64	55	-
-	Corunna	30·05	63	SSW	2	b	30·05	-·29	65	63	+ 6	SW	4	o	4	b	-	66	55	-
..	Azores (P. Delgada)	30·34	69	SE	3	b	30·33	+·04	70	66	- 1	NNE	3	bc	3	b	-	77	66	-
26	Pembroke	29·64	55	NNW	7	bc	29·76	+·99	57	56	+ 3	SW	4	a	5	bc	40	57	54	0·10
-	Prawle Point	29·56	51	NW	8	c	29·92	+1·07	52	51	- 4	NSW	5	r	4	c	-	58	48	0·04
..	Jersey	-	-	-	-	-	29·99	+1·04	58	54	- 1	WNW	4	o	4	cqp	-	62	54	0·13
-	The Helder	29·18	51	E	3	o	29·71	+·49	56	-	+ 5	N	1	bc	1	o	-	56	50	0·24
-	Brest	29·73	55	NW	5	c	30·03	+·88	57	55	- 2	W	3	o	4	c	-	61	52	-
..	Lorient	29·65	58	NW	8	c	30·06	+·82	56	54	+ 2	WNW	5	c	4	c	-	63	48	-
..	Biarritz	30·00	65	WNW	8	r	30·22	+·33	63	-	- 1	NW	6	r	7	r	-	72	61	0·12
-	Corunna	30·18	66	NW	3	b	30·35	+·30	60	58	- 5	NW	1	bc	6	b	-	70	54	-
-	Lisbon	30·23	68	N	4	o	30·22	-·02	65	58	+ 1	N	6	b	-	o	-	77	61	-
-	Azores (P. Delgada)	30·32	72	ESE	4	c	30·23	-·10	72	68	+ 2	ESE	4	o	5	c	-	73	70	-
27	Biarritz	30·29	66	WNW	4	o	30·22	·00	66	-	+ 3	W	3	o	3	o	-	66	61	0·16
28	The Helder	29·63	60	SW	6	o	29·65	-·17	55	-	- 1	NSW	6	c	2	o	-	61	55	0·08
-	Corunna	30·10	65	NW	1	b	30·17	-·02	70	56	+ 10	NE	2	o	5	b	-	73	54	0·04
29	Corunna	30·16	65	NE	3	b	30·26	+·09	60	55	- 10	NE	4	b	5	b	-	70	55	-
30	Corunna	30·28	64	NE	3	b	30·41	+·15	59	55	- 1	NE	1	b	5	b	-	64	52	-

REPORTS FOR SEPTEMBER 1896.

2. CORRECTIONS.

DATE.	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
2	Spurn Head	-	-	-	-	-	-	-	58	-	0	-	-	-	-	-	-	-	-	-
"	York	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0·5	-	-	-
"	Valencia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39	-
"	Pembroke	-	-	-	-	-	29·93	-·07	-	-	-	-	-	-	-	-	-	-	-	-
3	Sumburgh Hd	-	-	-	-	-	29·89	-	-	-	-	-	-	-	-	-	-	-	-	-
"	Liverpool	-	56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Sumburgh Hd	-	-	2	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Belmullet	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	68	-	-
6	York	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0·0	-	-	-
"	Roche's Point	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0·01
"	North Foreland	-	-	-	-	-	-	-	60	-	-	-	-	-	-	-	-	-	58	-
9	Nairn	-	-	-	-	-	-	-	53	-	+2	-	-	-	-	-	-	-	-	-
"	Jersey	29·64	68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Valencia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	68	-	-
12	Pembroke	29·59	-	WSW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	York	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50	-
"	Loughborough	-	-	-	-	-	-	-	58	57	+2	-	-	-	-	-	-	-	-	-
"	Yarmouth	-	-	-	-	-	-	-	-	-	-	SSW	-	-	-	-	-	-	-	-
14	Shields	29·17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	York	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1·2	-	-	-
16	Dungeness	-	-	-	-	e	-	-	-	-	-	-	-	-	-	-	-	-	-	-
"	Yarmouth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	66	-	-
18	Stornoway	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0·6	-	-	-
"	Pembroke	-	-	-	-	-	-	-	-	53	-	-	-	-	-	-	-	-	-	-
19	North Foreland	-	-	-	-	-	-	-	53	-	-6	-	2	6	-	-	-	-	-	-
21	Valencia	-	-	-	-	-	-	-	55	-	-	-	-	-	-	-	-	-	-	-
"	Scilly	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52	-
23	Pembroke	-	-	-	-	-	-	-	52	-	-7	-	-	-	-	-	-	-	-	-
24	Berlin	29·47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	York	-	-	-	-	-	28·77	-·97	-	-	-	-	-	-	-	-	-	-	-	-
"	Jersey	-	-	-	-	-	28·95	-1·10	-	-	-	-	-	-	-	-	-	-	-	-
26	Valencia	-	-	-	-	-	29·81	+0·94	-	-	-	-	-	-	-	-	-	-	-	-
27	Belmullet	-	-	-	-	-	-	-	48	47	-8	-	-	-	-	-	-	-	-	-
"	Pembroke	29·82	-	-	-	-	-	-	-	55	-	-	-	-	-	-	-	-	-	-
28	Stornoway	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	40	-
"	Parsonstown	-	-	-	-	-	29·92	+·58	-	-	-	-	-	-	-	-	-	-	-	-
"	Hurst Castle	-	-	-	-	-	29·92	+·06	-	-	-	-	-	-	-	-	-	-	-	-
29	Malin Head	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52	-	-